

D15-199

XPS-111(1)

3/Emul.

nylomatic



standard parts catalog

precision plastic
mechanical / electronic
components
for industry

nylomatic division
nolan avenue
morrisville, bucks co.,
pennsylvania 19067

6/69



gears
timing belt pulleys
sprockets
plain bearings
flanged bearings
stand-offs
washers (molded & stamped)
wheels
rollers
bobbins
rivets
buttons
plugs
pulleys
teflon shoulder washers
nylon screw & bolts
nylon nuts
plastic balls
bushings
glides
insulators
grommets



NYLOMATIC MANUFACTURERS OF PLASTIC MECHANICAL PARTS

NOLAN AVENUE, MORRISVILLE, PENNSYLVANIA 19067/TELEPHONE (215) 295-4151

THANK YOU FOR YOUR INQUIRY.....

Your interest in Nylomatic products and services is appreciated.

We are pleased to send you the attached information. We'll be even more pleased to earn the privilege of counting you as a valued Nylomatic customer for one or more of our 3000 stock items....and our complete custom molding, stamping and machining services.

If we may be of further help with product data or samples, please call us at our home office (area code 215) 295-4151 or contact our local representative in your area:

California, Nevada & Arizona

Littrell Western Sales, Inc.
3121 East 12th St.
Los Angeles, Calif. 94124
(213) 261-0164

100 Produce Ave., Suite 208
So. San Francisco, Calif. 94080
(415) 583-5572

Ohio, Western Penna., Indiana,
Kentucky & Michigan

Luebke Sales Co.
2649 Erie Ave.
Cincinnati, O. 45208
(513) 871-4211

3490 S. Dixie Drive
Dayton, O. 45439
(513) 294-0426

20905 Greenfield Rd.
Southfield, Mich. 48075
(313) 357-0355

21330 Center Ridge Rd.
Room 25A
Cleveland, O. 44116
(216) 734-4242

Illinois, Wisconsin

Ralph T. Rose & Associates
334 Sutton Road
Barrington, Ill. 60010
(312) 446-5950

New York City, Northern
New Jersey & Florida

H. R. Williams Assocs., Inc.
P. O. Box 344
Ridgewood, N. J. 07451
(201) 444-5392

New England

Staley Associates
P. O. Box 205
Wellesley Hills, Mass. 02181
(617) 235-1643

6/19/69



**gears
timing belt pulleys
sprockets
plain bearings
flanged bearings
stand-offs
washers (molded & stamped)
wheels
rollers
bobbins
rivets
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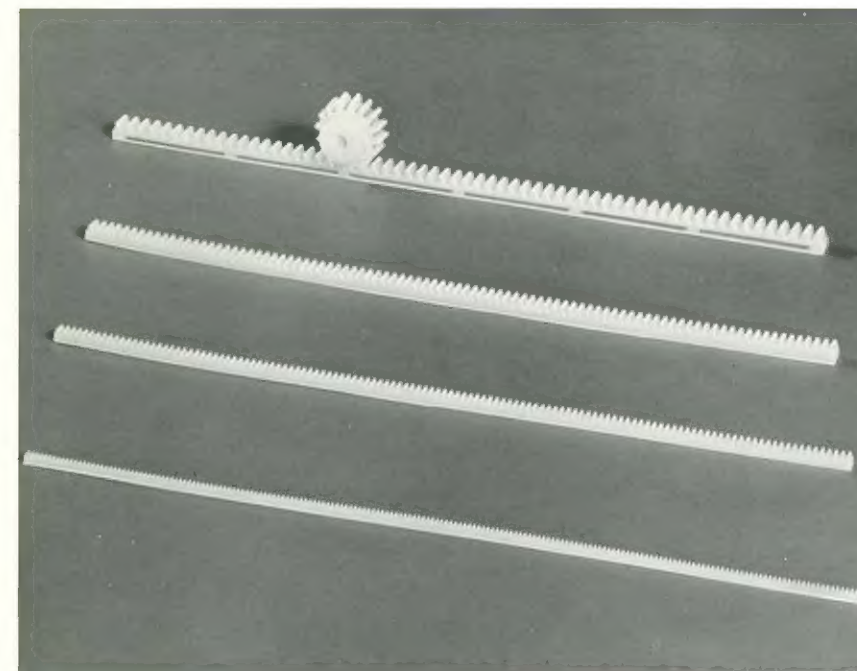
another

NEW
STANDARD

nylomatic

NYLON GEAR RACKS

the one source for plastic mechanical parts



14½° Pressure Angle

16 Pitch

24 Pitch

32 Pitch

48 Pitch

12" Lengths Easy To Cut or Extend
Dimensions and Prices on Next Page

Smooth & Quiet Operation

Low Inertia

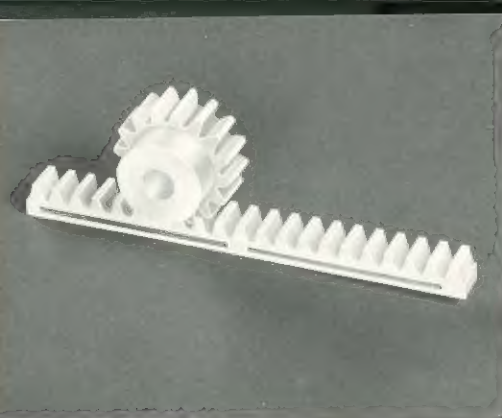
Superior Wear Resistance

Corrosion Resistant

6/19/69

Call or Write

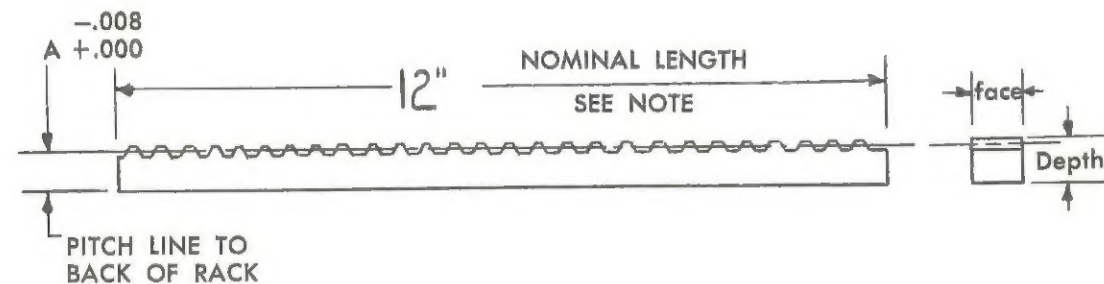
nylomatic division, nolan avenue, morrisville, pennsylvania 19067
telephone (215) 295-4151



nylomatic

GEAR RACKS

- A \$25.00 set-up charge applies to each part ordered.
- Standard material is DuPont #101 nylon.
- Apply for prices on quantities larger than 5M pieces.
- Prices subject to change without notice.



14½° PRESSURE ANGLE

| PART NO. | PITCH | CIRCULAR PITCH | TEETH | 'A' | FACE | DEPTH | PRICE PLUS SETUP |
|----------|-------|----------------|-------|-------|-------|-------|------------------|
| N1247-1* | 16 | .1963 | 62 | .250" | 5/16" | 5/16" | \$264. M |
| N1247-2 | 24 | .1309 | 92 | .208 | 1/4 | 1/4 | 195. M |
| N1247-3 | 32 | .0982 | 123 | .156 | 3/16 | 3/16 | 153. M |
| N1247-4 | 48 | .0654 | 184 | .104 | 1/8 | 1/8 | 120. M |

ENGINEERING KIT (4 EACH OF ABOVE 4 SIZES) AVAILABLE FOR \$14.00

16 pitch racks are recessed 3/32" deep on both sides, allowing a 1/8"-wide rib down the center of rack. Cross ribs at 2" intervals will permit easy drilling and fastening.

Note: 12" length is a nominal size. Racks are molded in proper lengths to permit end to end butting without interruption of tooth spacing. Unlimited, continuous lengths of rack are thus possible.

Call or Write

nylomatic division, nolan avenue, morrisville, pennsylvania 19067
telephone (215) 295-4151

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CATALOG 55 SUPPLEMENT



16 PITCH SPUR GEARS (Pg. 5)

| PART NO. | P. A. | TEETH | P. D. | HOLE | FACE | STYLE | HUB | | PRICE PLUS SET-UP |
|----------|-------|-------|-------|---------|------|-------|------|-------|-------------------|
| | | | | | | | DIA. | PROJ. | |
| N6693 | 20° | 30 | 1.875 | .254 | .379 | H | .990 | 5/16 | \$230.00 M |
| N6817 | 20° | 30 | 1.875 | .257'D' | .379 | H | .990 | 1/8 | \$230.00 M |

24 PITCH SPUR GEARS (Pg. 6)

| PART NO. | P. A. | TEETH | P. D. | HOLE | FACE | STYLE | HUB | | PRICE PLUS SET-UP |
|----------|----------|-------|-------|---------|------|-------|------|-------|-------------------|
| | | | | | | | DIA. | PROJ. | |
| N6724 | 20° | 21 | .875 | .125 | .250 | H | .500 | .310 | \$ 48.50 M |
| N5827 | 20° | 28 | 1.167 | .370 | .063 | H | 7/16 | .250 | 58.10 M |
| N6856 | 20° stub | 34 | 1.417 | .502 | .405 | NH | — | — | 85.70 M |
| N1152A | 20° | 48 | 2.000 | .218(+) | .250 | H | .647 | .260 | 119.60 M |

(+) ±.003

32 PITCH SPUR GEARS (Pg. 7-8)

| PART NO. | P. A. | TEETH | P. D. | HOLE | FACE | STYLE | HUB | | PRICE PLUS SET-UP |
|----------|-------|-------|-------|-------|-------|-------|--------|-------|-------------------|
| | | | | | | | DIA. | PROJ. | |
| N6692 | 14½° | 14 | .438 | .187 | 3/16 | NH | — | — | \$ 34.66 M |
| N5521 | 14½° | 18 | .563 | .283 | .071 | NH | — | — | 33.10 M |
| N5554 | 14½° | 20 | .625 | .314 | 11/32 | H | .525 | 5/32 | 52.15 M |
| N6978 | 14½° | 20 | .625 | .315 | .218 | H | .500 | .250 | 50.45 M |
| ND11 | 14½° | 28 | .875 | .375 | .187 | NH | — | — | 50.80 M |
| N6298A | 14½° | 32 | 1.000 | .245 | 5/16 | H | 5/8 | 1/4 | 85.80 M |
| N6874 | 14½° | 32 | 1.000 | .441 | .440 | H | .687 | .250 | 101.10 M |
| N6960 | 14½° | 44 | 1.375 | .315 | .187 | H | 5/8 | .047 | 76.40 M |
| N7003 | 14½° | 52 | 1.625 | .441 | .500 | H | .880 | .380 | 159.60 M |
| N5444 | 14½° | 62 | 1.938 | .252 | .125 | H | .614 | .490 | 133.55 M |
| N6557 | 20° | 19 | .594 | .251 | .160 | H | .734 | .094 | 49.05 M |
| N6825A | 20° | 24 | .750 | .130 | .125 | H | .19 | .025 | 43.20 M |
| N6877 | 20° | 44 | 1.375 | .378 | 3/16 | H | 1-1/16 | 5/16 | 136.95 M |
| N6875 | 20° | 44 | 1.375 | .579 | 3/16 | H | 1-1/16 | 5/16 | 136.95 M |
| N1189 | 20° | 59 | 1.844 | .621 | .239 | NH | — | — | 132.30 M |
| N6876 | 20° | 62 | 1.938 | .253 | 3/16 | H | 3/4 | 5/16 | 137.10 M |
| N1220 | 20° | 72 | 2.250 | .379K | 3/16 | H | 11/16 | 5/16 | 150.80 M |
| N1219 | 20° | 80 | 2.500 | .882 | 1/8 | H | 1-1/16 | .371 | 150.65 M |

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Issued 6-69



| 48 PITCH SPUR GEARS (Pg. 9-10) | | | | | | | | | |
|--------------------------------|-------|-------|-------|---------|------|-------|-------|-------|-------------------|
| PART NO. | P. A. | TEETH | P. D. | HOLE | FACE | STYLE | HUB | | PRICE PLUS SET-UP |
| | | | | | | | DIA. | PROJ. | |
| N6642 | 14½° | 12 | .250 | .125 | 1/8 | NH | — | — | \$ 44.60 M |
| N6819 | 14½° | 20 | .417 | .189 | .187 | H | 11/32 | .125 | 47.20 M |
| N6848 | 14½° | 24 | .500 | .256 | .280 | H | .406 | .03 | 49.40 M |
| N6820 | 14½° | 32 | .667 | .189 | .125 | H | 1/2 | 1/4 | 50.50 M |
| N6641 | 14½° | 36 | .750 | .250 | 1/8 | NH | — | — | 47.70 M |
| N6496 | 14½° | 37 | .771 | .125 | .215 | NH | — | — | 57.25 M |
| N6565 | 14½° | 40 | .833 | .247'D' | .125 | H | .62 | .250 | 53.10 M |
| *ND10 | 14½° | 40 | .833 | .375 | .312 | H | 9/16 | .250 | 53.10 M |
| N2145 | 14½° | 42 | .875 | .250 | .125 | H | .44 | .250 | 53.85 M |
| N6576 | 14½° | 44 | .917 | .125 | .124 | H | .28 | .131 | 53.95 M |
| N2127 | 20° | 30 | .625 | .128 | .055 | H | .25 | .148 | 53.95 M |
| N6560 | 20° | 36 | .750 | .246 | .385 | NH | — | — | 47.70 M |
| N6559 | 20° | 36 | .750 | .496 | .450 | H | 11/16 | .100 | 49.85 M |
| N5691 | 20° | 42 | .875 | .250 | .125 | H | .437 | .065 | 52.35 M |

*also has a 9/16 d. x .063 L. hub on other side

| MISC. SPUR GEARS (Pg. 11) | | | | | | | | | | |
|---------------------------|-------|-------|-------|-------|----------|------|-------|------|-------|-------------------|
| PART NO. | PITCH | P. A. | TEETH | P. D. | HOLE | FACE | STYLE | HUB | | PRICE PLUS SET-UP |
| | | | | | | | | DIA. | PROJ. | |
| N6910 | 12 | 14½° | 16 | 1.333 | .378 | .200 | NH | — | — | \$ 67.60 M |
| N1183 | 12 | 14½° | 24 | 2.000 | .673 | 1/4 | NH | — | — | 120.65 M |
| N1183A | 12 | 14½° | 24 | 2.000 | .880'DD' | 1/4 | NH | — | — | 120.65 M |
| N6992 | 20 | 20° | 18 | .900 | .491 | 5/16 | NH | — | — | 63.80 M |
| N6995 | 20 | 20° | 22 | 1.100 | .367 | 5/16 | NH | — | — | 64.90 M |
| N1029A | 20 | 20° | 25 | 1.250 | .314 | 3/16 | H | 7/16 | 3/16 | 87.50 M |
| N7002 | 64 | 20° | 16 | .250 | .092 | .125 | NH | — | — | 43.40 M |
| N6943 | 64 | 14½° | 96 | 1.500 | .258 | 1/4 | H | 5/8 | 1/4 | 69.00 M |

| COMBINATION GEARS (Pg. 12-14) | | | | | | | | | | | |
|-------------------------------|--------|-------|-------|-------|------|-------|-------|-------|-------|------|-------------------|
| PART NO. | PINION | | | | | GEAR | | | | | PRICE PLUS SET-UP |
| | PITCH | P. A. | TEETH | P. D. | FACE | PITCH | P. A. | TEETH | P. D. | FACE | |
| N5999 | 24 | 14½° | 12 | .500 | .218 | 32 | 14½° | 36 | 1.125 | .124 | \$58.80 M |
| *N6824 | 32 | 20° | 10 | .312 | .196 | 32 | 20° | 38 | 1.188 | .114 | 47.90 M |
| N6570 | 32 | 20° | 10 | .313 | .343 | 48 | 20° | 74 | 1.542 | .188 | 61.75 M |
| N2104 | 32 | 14½° | 12 | .375 | .250 | 32 | 14½° | 28 | .875 | .125 | 57.80 M |
| N5370 | 48 | 14½° | 10 | .208 | .156 | 48 | 14½° | 40 | .833 | .094 | 50.00 M |
| N6961 | 64 | 20° | 40 | .625 | .469 | 32 | 14½° | 40 | 1.250 | .187 | 84.35 M |

*Available with either a .025 hub or a .350 x .06 counterbore

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| 1/5" PITCH TIMING BELT PULLEYS (Pg. 17)* | | | | | | | | | | |
|--|---------|-------|-------|--------------|---------|-------------|-------|-------|-------|-------------------|
| PART NO. | Grooves | P. D. | FACE | FLANGE O. D. | HOLE | KEYWAY | STYLE | HUB | | PRICE PLUS SET-UP |
| | | | | | | | | DIA. | PROJ. | |
| N6712 | 10 | .637 | 9/32 | 23/32 | 19/64 | — | H | 23/32 | 9/32 | \$150.00 M |
| N5490-10 | 10 | .637 | .31 | .85 | .250 | — | H | 9/16 | 1/4 | 150.00 M |
| N6449 | 11 | .700 | .54 | .93 | .250 | — | NH | — | — | 160.00 M |
| N6452 | 11 | .700 | .54 | .92 | .312 | .094 x .045 | H | 1/2 | 5/32 | 160.00 M |
| N6852 | 12 | .764 | .27 | .80 | .190 | — | NH | — | — | 170.00 M |
| N5490-12 | 12 | .764 | .31 | .92 | .250 | — | H | 9/16 | 1/4 | 170.00 M |
| N5489-12 | 12 | .764 | .43 | .92 | .312 | — | H | 9/16 | 1/4 | 170.00 M |
| N6483 | 12 | .764 | .54 | .98 | .250 | .062 x .030 | NH | — | — | 170.00 M |
| N6448 | 12 | .764 | .54 | .98 | .312 | .094 x .045 | H | 1/2 | 5/32 | 170.00 M |
| N6497 | 12 | .764 | .54 | .94 | .375 | .094 x .045 | NH | — | — | 170.00 M |
| N6451 | 13 | .828 | .54 | 1.04 | .400 | .094 x .045 | NH | — | — | 180.00 M |
| N6962 | 14 | .891 | 9/32 | 1¼ | .315 | — | H | 1.013 | .258 | 190.00 M |
| N5490-14 | 14 | .891 | .43 | 1.11 | .250 | — | H | 9/16 | 1/4 | 190.00 M |
| N6455 | 14 | .891 | .54 | 1.11 | .250 | .062 x .040 | NH | — | — | 190.00 M |
| N5973 | 15 | .955 | 5/16 | 1.04 | .255 | — | H | 5/8 | 1/8 | 200.00 M |
| N6460 | 15 | .955 | .54 | 1.18 | .500 | — | H | 1 | 5/8 | 200.00 M |
| N6974-2 | 16 | 1.019 | 5/16 | 1¼ | .378 | — | H | 13/16 | 1/4 | 210.00 M |
| N6974-1 | 16 | 1.019 | 5/16 | 1¼ | .442 | — | H | 13/16 | 1/4 | 210.00 M |
| N6461 | 16 | 1.019 | .54 | 1.25 | .500 | — | H | 1 | 5/8 | 210.00 M |
| N6939A | 16 | 1.019 | .54 | 1.25 | .257'D' | — | NH | — | — | 210.00 M |
| N6939B | 16 | 1.019 | .54 | 1.25 | .257 | — | H | 1 | 1/4 | 210.00 M |
| N6458 | 18 | 1.146 | .54 | 1.36 | .250 | .062 x .030 | NH | — | — | 230.00 M |
| N6459 | 18 | 1.146 | .54 | 1.38 | .500 | — | H | 1 | 19/64 | 230.00 M |
| N6463 | 19 | 1.210 | .54 | 1.44 | .500 | — | H | 1 | 5/8 | 240.00 M |
| N6711 | 20 | 1.273 | 13/32 | 1-23/64 | 15/64 | — | NH | — | — | 250.00 M |
| N6485 | 20 | 1.273 | .54 | 1.50 | .250 | .062 x .035 | NH | — | — | 250.00 M |
| N6498 | 20 | 1.273 | .54 | 1.45 | .375 | .094 x .042 | NH | — | — | 250.00 M |
| N6456 | 20 | 1.273 | .54 | 1.50 | .500 | — | NHS | 1 | 5/8 | 250.00 M |
| N1010-22 | 22 | 1.401 | .43 | 1.62 | .312 | — | H | 9/16 | 5/16 | 270.00 M |
| N6454 | 23 | 1.464 | .54 | 1.68 | .250 | .063 x .036 | NH | — | — | 280.00 M |
| N6513 | 23 | 1.464 | .54 | 1.68 | .312 | — | NHS | 1/2 | 5/32 | 280.00 M |
| N6465 | 23 | 1.464 | .54 | 1.68 | .500 | — | H | 1 | 5/8 | 280.00 M |
| N5485-24 | 24 | 1.528 | .31 | 1.56 | .250 | — | H | 9/16 | 1/4 | 300.00 M |
| N6462 | 24 | 1.528 | .54 | 1.75 | .500 | — | NHS | 1 | 5/8 | 300.00 M |
| N6708 | 28 | 1.783 | 13/32 | 1-57/64 | .752 | — | NH | — | — | 350.00 M |
| N6464 | 28 | 1.783 | .54 | 2.00 | .500 | — | H | 1 | 5/8 | 350.00 M |
| N1241 | 30 | 1.910 | .24 | 1.95 | .501 | .090 x .040 | NH | — | — | 380.00 M |
| N1208 | 35 | 2.228 | 9/32 | 2-5/16 | .367 | — | NH | — | — | 440.00 M |
| N1177 | 40 | 2.546 | .54 | 2.77 | .468 | .094 x .045 | H | 15/16 | 3/16 | 500.00 M |
| N1178 | 42 | 2.674 | .54 | 2.90 | .312 | .094 x .045 | NHS | 1/2 | 3/16 | 520.00 M |
| N1176 | 48 | 3.056 | .59 | 3.28 | .500 | .094 x .045 | NH | — | — | 600.00 M |

*This list includes all items on Pg. 17 of Catalog 55 with new prices effective immediately.

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| 1/4" PITCH SPROCKETS (Pg. 18) | | | | | | |
|-------------------------------|-------|-------|------|----------|------------|-------------------|
| PART NO. | TEETH | O.D. | I.D. | HUB DIA. | HUB LENGTH | PRICE PLUS SET-UP |
| N6826 | 18 | 1.568 | .374 | 0.750 | .312 | \$92.75 M |

| PLAIN BEARINGS, WASHERS, STAND-OFFS (Pg. 19-22) | | | | | | | | | |
|---|------|-------|--------|-------------------|----------|-------|--------|--------|-------------------|
| PART NO. | I.D. | O.D. | Length | Price Plus Set-up | PART NO. | I.D. | O.D. | Length | Price Plus Set-up |
| N6617 | .088 | 5/32 | 1/16 | \$11.20 M | N6834 | .255 | .375 | .044 | \$11.10 M |
| ND17 | .097 | .220 | .167 | 15.40 M | N6738 | .255 | .375 | .540 | 11.70 M |
| N6725 | .098 | .188 | .045 | 10.00 M | ND31 | .256 | .514 | .811 | 49.85 M |
| N6732 | .105 | .170 | .400 | 10.00 M | N6849 | .255 | 7/16 | .062 | 10.50 M |
| ND18 | .115 | 7/16 | 1/8 | 16.35 M | N6686 | .259 | .751 | .247 | 14.95 M |
| ND47 | .123 | 1/4 | 9/16 | 15.05 M | N6904 | .315 | 5/8 | .065 | 13.10 M |
| N6680 | .125 | .178 | 7/32 | 10.00 M | N6892 | .319 | 7/8 | 1/4 | 54.05 M |
| N6645 | .128 | 1-1/8 | 1/8 | 36.95 M | N6721-1 | 21/64 | 1 | 3/16 | 75.60 M |
| ND72 | .157 | 9/32 | .125 | 17.35 M | N6795 | .377 | .497 | 2.018 | 37.50 M |
| ND56 | .184 | 3/8 | 3/4 | 18.30 M | N6948 | .378 | .750 | 1 | 36.75 M |
| N6808 | 3/16 | 3/4 | 1/16 | 8.10 M | ND64 | .382 | 47/64 | 1/16 | 15.00 M |
| N6706 | .191 | 7/16 | 1/16 | 11.70 M | ND53 | .380 | 9/16 | .160 | 22.10 M |
| ND69 | .194 | .343 | .031 | 16.50 M | N6749 | .420 | .657 | .375 | 16.50 M |
| N6338 | .190 | .627 | .343 | 15.90 M | N6893 | .506 | 1-1/8 | 3/16 | 55.30 M |
| ND67 | .196 | .465 | .265 | 15.40 M | ND89 | .513 | .730 | .120 | 16.50 M |
| ND84 | .236 | .302 | .500 | 15.55 M | ND45 | 33/64 | 1-1/4 | 3/32 | 19.50 M |
| ND33 | .250 | .520 | .250 | 16.95 M | N1224 | .521 | 2-3/8 | 3/16 | 95.70 M |
| ND60 | .250 | .562 | .062 | 15.40 M | ND42 | 39/64 | 1-3/32 | 1/8 | 25.90 M |
| N6775 | .255 | .345 | .546 | 10.70 M | ND35 | .646 | 7/8 | 1/4 | 18.70 M |
| N6938 | .255 | .375 | .303 | 11.40 M | N6765 | .757 | 1.001 | .284 | 27.25 M |



| FLANGED BEARINGS, INSULATORS, SLEEVES (Pg. 23-27) | | | | | | | | | | | | | |
|---|------|------|-------------|---------------|-------|----------------|----------|------|-------|-------------|---------------|--------|----------------|
| PART NO. | I.D. | O.D. | Flange Dia. | Flange Thick. | O.L. | Price + Set Up | PART NO. | I.D. | O.D. | Flange Dia. | Flange Thick. | O.L. | Price + Set Up |
| N6621 | .021 | .062 | 1/8 | .015 | .040 | 16.80 M | ND52 | .210 | .297 | .420 | .070 | .610 | 15.15 M |
| ND36 | 5/64 | 3/16 | 1/4 | 1/16 | 1/8 | 15.05 M | ND83 | .233 | .302 | .500 | .090 | .590 | 16.10 M |
| ND65 | .124 | .166 | .230 | .030 | .220 | 16.80 M | ND13 | .252 | .386 | .502 | .065 | .875 | 17.90 M |
| ND63 | .125 | .240 | .312 | .078 | .156 | 17.20 M | ND85 | .261 | .377 | .485 | .060 | .380 | 33.80 M |
| N1102 | .123 | .342 | 5/8 | 1/16 | 1/4 | 15.40 M | ND61 | .260 | .353 | .555 | .060 | .410 | 15.40 M |
| ND40 | .130 | .169 | .250 | .015 | .025 | 15.20 M | ND1 | .261 | .379 | .509 | .062 | .113 | 19.15 M |
| ND3 | .130 | .186 | .254 | .036 | .952 | 43.70 M | ND51 | .265 | .508 | 1.000 | .167 | .385 | 48.55 M |
| ND95 | .142 | .191 | 1/2 | .040 | .095 | 15.10 M | N5665 | .314 | .433 | 5/8 | 1/16 | 7/16 | 21.90 M |
| ND28A | .144 | .242 | 3/8 | .253 | 15/16 | 17.10 M | ND92 | .320 | .365 | 1/2 | 5/8 | 7/8 | 19.30 M |
| ND75 | .148 | .186 | .250 | .015 | .025 | 16.10 M | ND91 | .318 | .369 | 1/2 | 1-5/16 | 1-9/16 | 43.80 M |
| ND81 | .159 | .249 | .312 | .062 | .250 | 18.55 M | ND82 | .320 | .441 | .750 | .068 | .818 | 19.10 M |
| N199 | .158 | .217 | 1/2 | .062 | .312 | 23.60 M | ND94 | .331 | .385 | .700 | .030 | .078 | 15.20 M |
| N6801 | .170 | .309 | .375 | 1/16 | 1/8 | 15.30 M | N6743 | .376 | .501 | .705 | .063 | .566 | 18.20 M |
| N6716 | .172 | .248 | .308 | .127 | .320 | 15.80 M | N6921 | .376 | .623 | .750 | .125 | .375 | 20.60 M |
| ND80 | .191 | .378 | 1/2 | 1/16 | 9/16 | 33.50 M | N2139 | .379 | .513 | .750 | .041 | .258 | 55.20 M |
| N6771 | .194 | .363 | .560 | .064 | .703 | 17.70 M | ND14 | .388 | .508 | .630 | .070 | .875 | 19.30 M |
| N6883 | .198 | .250 | .500 | .032 | .100 | 17.00 M | ND79 | .521 | .617 | .740 | .160 | .472 | 19.10 M |
| N6740 | .198 | .374 | 1/2 | 7/16 | 9/16 | 13.25 M | N6937 | .544 | .723 | .800 | .035 | .160 | 18.85 M |
| N5890 | .206 | .315 | .431 | .091 | .146 | 16.75 M | N6902 | .629 | .878 | 1.258 | .072 | .777 | 39.60 M |
| ND26 | .209 | .319 | 5/8 | .048 | 9/64 | 17.00 M | ND21 | .759 | 1.002 | 1.485 | .100 | .580 | 38.50 M |



| ROLLERS – SOLID & CORED (Pg. 28) | | | | | | |
|----------------------------------|------|------|-------|------|------|-------------------|
| PART NO. | TYPE | O.D. | WIDTH | I.D. | O.L. | PRICE PLUS SET-UP |
| ND33 | A | .520 | .250 | .250 | – | \$16.95 M |
| N6338 | A | .627 | .343 | .190 | – | 12.46 M |
| N6686 | A | .751 | .247 | .259 | – | 11.15 M |
| N6892 | A | 7/8 | 1/4 | .319 | – | 54.05 M |
| N6936 | F | 3/4 | 3/8 | .255 | 5/8 | 21.35 M |

| PLAIN & FLANGED ROLLERS WITH COUNTER BORES (Pg. 30) | | | | | | | | | |
|---|------|------|------|--------------|-------|---------|-------|-------|-------------------|
| PART NO. | TYPE | I.D. | O.D. | COUNTER BORE | | FLANGE | | O.L. | PRICE PLUS SET-UP |
| | | | | DIA. | DEPTH | DIA. | THICK | | |
| N6672 | – | .316 | .875 | 1/2 | 7/32 | – | – | 13/16 | \$57.60 M |
| N6872 | X | .315 | .900 | 5/8 | 1/8 | 1-13/16 | 7/32 | .450 | 80.70 M |
| N6741 | Y | .130 | 5/16 | 1/4 | 1/16 | 15/32 | 9/64 | 11/64 | 8.20 M |
| N5109 | Y | .315 | .376 | .387 | .036 | .563 | .063 | .150 | 7.00 M |

| BOBBINS & SPOOLS (Pg. 31) | | | | | | | |
|---------------------------|------|-------------|--------------|-------|-------|--------|-------------------|
| PART NO. | TYPE | FLANGE DIA. | FLANGE THICK | I.D. | O.D. | OAL. | PRICE PLUS SET-UP |
| N6709 | A | 1/2 | 3/64 | .190 | 5/16 | 1-1/16 | \$27.65 M |
| *N6573 | A | 5/8 | .030 | .168 | 3/8 | .362 | 51.20 M |
| N1184 | A | 1-3/8 | .040 | .254 | 15/16 | 41/64 | 95.60 M |
| N1228 | A | 1-3/8 | 1/16 | 21/32 | 7/8 | 1-3/16 | 109.40 M |

*Has a 9/32 dia. x .020 hub on one side.

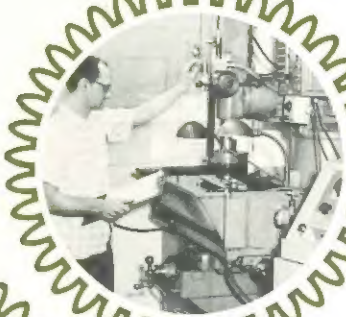


| RIVETS, BUTTONS, PLUGS (Pg. 32) | | | | | | |
|---------------------------------|-----------|------------|--------------|-----------|------------|-------------------|
| PART NO. | HEAD TYPE | SHANK DIA. | SHANK LENGTH | HEAD DIA. | HEAD THICK | PRICE PLUS SET-UP |
| N6540R | A | .160 | 3/16 | 5/16 | .125 | \$ 5.30 M |
| N6685R | B | .058 | 3/32 | 3/32 | .025 | 4.20 M |
| N5705 | C | .079 | .104 | .147 | .023 | 4.40 M |
| N183R | C | .147 | .187 | .375 | .036 | 18.35 M |
| N6705R | C | .188 | 13/32 | 7/16 | 3/32 | 11.15 M |
| N6669 | D | .070 | .047 | .125 | .109 | 13.40 M |
| ND78R | D | .092 | .090 | .155 | .058 | 15.55 M |
| N6993 | D | .134 | .140 | .250 | .080 | 5.10 M |
| N6622 | D | .193 | 1/8 | 1/2 | 1/8 | 9.90 M |

| PULLEYS (Pg. 33) | | | | | | | |
|------------------|------|------------|-----------|------------|---------------|------|-------------------|
| PART NO. | TYPE | OUTER DIA. | SLOT DIA. | SLOT WIDTH | OVERALL WIDTH | BORE | PRICE PLUS SET-UP |
| N5727 | A | 5/8 | 5/16 | – | 7/32 | .064 | \$ 21.75 M |
| N6539 | A | .875 | .656 | .125 | .406 | .194 | 46.40 M |
| N6832 | A | 1-1/8 | .718 | .040 | .232 | .177 | 40.45 M |
| N5860 | B | .378 | .299 | .076 | .182 | – | 20.25 M |
| N6396 | D | .500 | .370 | .103 | .143 | .127 | 94.80 M |
| N6855 | D | 1.245 | .960 | .125 | .245 | .254 | 37.35 M |
| N6946 | D | 1-3/8 | 1-3/16 | 1/8 | 3/16 | .191 | 58.80 M |

this is nylomatic

catalog
55



Nylomatic is an engineering-oriented organization for plastic mechanical and electronic parts used by industry. Founded in 1950, when mechanical plastics was a pioneering field, Nylomatic has developed specialized engineering and patented tooling processes to produce precision moldings at attractive prices in quantities from a few parts for prototype use to million-unit production orders.

A MODERN FACILITY — The Nylomatic plant, specially constructed to our requirements, has a complete tool and die making department, including electrical discharge machining equipment for intricate die cavities, as well as the most modern screw type molding machines and related equipment.

EXPERIENCED TEAM — Nylomatic employs a skilled team of over 100 specialists, including graduate mechanical engineers and master toolmakers, assuring you of the highest production standards.

NYLON AND DELRIN® SPECIALISTS — While Nylomatic specializes in these high performance materials, we also fabricate parts in other thermoplastic materials.

STANDARD PARTS — All of the more than 2,500 items listed in this catalog are, by definition, standard parts. Regardless of the quantity ordered, there is no tooling charge involved in the production of these standard parts listed. Our patented process enables us to ship production quickly, with only a modest \$25.00 set-up cost chargeable to the customer. Additionally, for a nominal charge, we can often make a minor modification to a standard part, permitting its use instead of a more expensive custom part.

NOTE: We are continually adding new standard parts to our catalog. We, therefore, suggest that you ask us about the possible availability of parts which you do not see in the catalog.

CUSTOM MANUFACTURING SERVICE — Nylomatic can furnish on a custom basis not only injection molded parts of the highest quality, but machined and punched plastic parts of any commercially available material. Tooling costs on custom injected molded parts start as low as \$125.00 for simple shapes. Average tooling costs on small parts is approximately \$450.00.

table of contents

| Catalog Page | | Supplement Page |
|--------------|---|-----------------|
| 3 | GENERAL SPECIFICATIONS | |
| 4 | ENGINEERING KITS | |
| 5 | 16 PITCH GEARS | A |
| 6 | 24 PITCH GEARS | A |
| 7 | 32 PITCH PLAIN GEARS | A |
| 8 | 32 PITCH GEARS WITH HUBS | A |
| 9 | 48 PITCH PLAIN GEARS | B |
| 10 | 48 PITCH GEARS WITH HUBS | B |
| 11 | MISCELLANEOUS GEARS 14½° AND 20° PA | B |
| 12 | 32 PITCH COMBINATION GEARS | B |
| 13 | 48 PITCH COMBINATION GEARS | B |
| 14 | MISCELLANEOUS COMBINATION GEARS | B |
| 15 and 16 | MISCELLANEOUS MITER GEARS AND ANGLE GEARS | |
| 17 | TIMING BELT PULLEYS 1/5" PITCH | C |
| 18 | ¼" PITCH SPROCKETS | D |
| 19 thru 22 | PLAIN BEARINGS | D |
| 23 thru 27 | FLANGED BEARINGS | E |
| 28 thru 30 | ROLLERS | F |
| 31 | BOBBINS | F |
| 32 | RIVETS | |
| 33 | PULLEYS | |
| 34 | SHOULDER WASHERS | |
| 35 | STAMPED WASHERS | |
| 36 thru 38 | MISCELLANEOUS FASTENERS | |
| 39 thru 42 | MISCELLANEOUS MOLDED PARTS | |
| 43 | PHYSICAL PROPERTY CHART | |
| 44 | NOTES | |

general specifications

injection molded parts

Materials

Standard material is DuPont type #101 natural color nylon.
Many standard parts can be molded of Delrin* at no change in price; also other materials and colors are available; prices upon application.

Tolerances

Tolerances on decimals are $\pm .005$ per inch of dimension with a minimum of $\pm .002$, except dimensions marked (†) carry a minimum of $\pm .003$.
Tolerances on all fractional dimensions are $\pm .015$ per inch of dimension.
Total indicated runout is .010 per inch of dimension.

Pricing and Terms

Add a \$25.00 set-up charge to each item listed.
All prices are subject to change without notice.
Terms on production are 1% 10 days, net 30 days F.O.B. Morrisville, Pa.
(*Reg. trade name—DuPont Co.)

stamped parts

Materials

Stamped parts are available in type #101 Nylon, Delrin*, Nylatron GS**, polyethylene and Teflon*.
The standard thicknesses are .031", .047", .062", .093" and .125".
(*Reg. trade name—DuPont Co. **Reg. trade name—Polymer Corp.)

Tolerances

Commercial tolerances on O.D. and I.D. are $\pm .004$ ".
Closer tolerances available by construction of special dies at extra cost.
Material tolerances are based on standard mill tolerance. Rule of thumb from 5 to 10% plus or minus. Available in closer tolerances on special order at extra cost.

Burrs

Slight burrs are inherent on high speed punchings. In some cases these burrs can be removed by tumbling but with abrasion resistant materials such as nylon some burrs must be expected. If the edges must be smooth the parts should be produced by machining or molding.

Flatness

As washers are stamped from coiled strips they very often will not be flat. This condition becomes more pronounced as the thickness of material increases.

Standard Sizes

The sizes listed are available without tooling charges.
Intermediate sizes can be supplied but may involve a nominal charge for special tooling.

Prices

Prices of stamped parts are quoted upon application.
Please state the size, thickness, material and quantity required.

IF YOU DON'T SEE WHAT YOU WANT, LET NYLOMATIC QUOTE ON PRODUCTION TO YOUR SPECIFICATIONS FROM PATENTED LOW-COST TOOLING.

save TIME save MONEY
with this new design tool . . .

nylomatic
ENGINEERING KITS



| KIT. NO. | CONTENTS | PRICE |
|----------|---|---------|
| G-1-16 | 2 ea. 16 Pitch Gears listed on page 5 | \$20.00 |
| G-1-24 | 2 ea. 24 Pitch Gears listed on page 6 | 15.00 |
| G-2-32 | 2 ea. 32 Pitch Plain Gears listed on page 7 | 15.00 |
| G-3-32H | 2 ea. 32 Pitch Gears with Hubs listed on page 8 | 16.50 |
| G-4-48 | 2 ea. 48 Pitch Plain Gears listed on page 9 | 15.00 |
| G-5-48H | 2 ea. 48 Pitch Gears with Hubs listed on page 10 | 15.00 |
| G-7-M | 2 ea. Miscellaneous Gears 14½° and 20° PA listed on Page 11 | 15.00 |
| G-8-32C | 2 ea. 32 Pitch Combination Gears listed on page 12 | 15.00 |
| G-6-48C | 2 ea. 48 Pitch Combination Gears listed on page 13 | 15.00 |
| G-9-C | 2 ea. Miscellaneous Combination Gears listed on page 14 | 15.00 |
| G-8-M | 2 ea. Miscellaneous Miter Gears and Angle Gears listed on pages 15 and 16 | 15.00 |
| BP-2 | 2 ea. Timing Belt Pulleys 1/5" Pitch listed on page 17 | 27.00 |
| SP-4 | 2 ea. 1/4" Pitch Sprockets listed on page 18 except those marked † | 15.00 |
| WSB-1 | 2 ea. Plain Bearings listed on page 19 | 12.00 |
| WSB-2 | 2 ea. Plain Bearings listed on page 20 | 12.00 |
| WSB-3 | 2 ea. Plain Bearings listed on page 21 | 12.00 |
| WSB-4 | 2 ea. Plain Bearings listed on page 22 except those marked * | 10.00 |
| FB-1 | 2 ea. Flanged Bearings listed on page 23 | 15.00 |
| FB-2 | 2 ea. Flanged Bearings listed on page 24 | 15.00 |
| FB-3 | 2 ea. Flanged Bearings listed on page 25 | 15.00 |
| FB-4 | 2 ea. Flanged Bearings listed on page 26 | 15.00 |
| FB-5 | 2 ea. Flanged Bearings listed on page 27 | 18.00 |
| RW-1 | 2 ea. Rollers listed on page 28 | 20.00 |
| RW-2 | 2 ea. Rollers listed on pages 29 and 30 | 15.00 |
| MB-2 | 2 ea. Bobbins listed on page 31 | 15.00 |
| TF-3 | 4 ea. Teflon Shoulder washers listed on page 34 | 15.00 |
| RBP-1 | 4 ea. Rivets listed on page 32 | 14.00 |
| P-1 | 2 ea. Pulleys listed on page 33 | 15.00 |
| SW-1 | 6 ea. Washers 1/8" - 3/8" listed on page 35 | 15.00 |
| SW-2 | 6 ea. Washers 7/16" - 11/16" listed on page 35 | 15.00 |
| SW-3 | 6 ea. Washers 3/4" - 1" listed on page 35 | 15.00 |
| SW-4 | 6 ea. Washers 1 1/8" - 2 3/8" listed on page 35 | 15.00 |
| GR-1 | 4 ea. Gear Rocks | 14.00 |

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16 PITCH SPUR GEARS

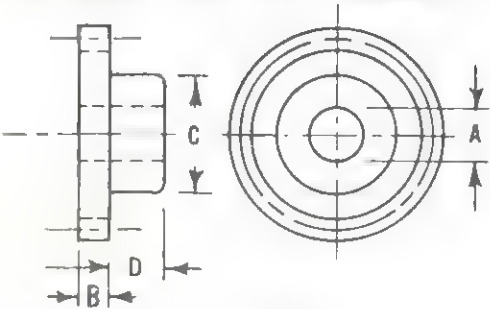


- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon, natural color.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

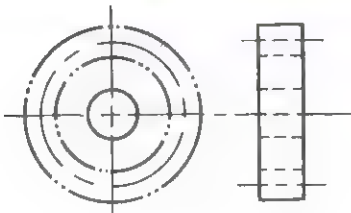
16 Pitch



Actual
Tooth Size



STYLE H



STYLE NH

| 14½° PRESSURE ANGLE | | | | | | | | | |
|---------------------|-------|-------|--------|-------|-------|--------|---------|--------|-------------------|
| PART NO. | P. A. | TEETH | HOLE A | P. D. | STYLE | HUB | | FACE B | PRICE PLUS SET-UP |
| | | | | | | DIA. C | PROJ. D | | |
| N5793 | 14½ | 12 | .249 | .750 | H | .430 | .028 | .225 | \$ 47.00 M |
| N6589 | 14½ | 16 | .252 | 1.000 | H | 3/4 | 5/16 | .375 | 84.00 M |
| N5626 | 14½ | 20 | 1/2 | 1.25 | H | .865 | 1/2 | .318 | 109.59 M |
| N6171 | 14½ | 30 | .986 | 1.875 | H | 1.602 | .500 | .875 | 257.50 M |
| N1004-1 | 14½ | 36 | .375 | 2.25 | H | 3/4 | 3/8 | .320 | 310.40 M |
| N1109* | 14½ | 42 | .400 | 2.625 | H | 1.360 | 1/4 | .625 | 324.80 M |
| N1143A | 14½ | 42 | .850 | 2.625 | H | 1 3/8 | 1/4 | 5/8 | 395.25 M |
| 20° PRESSURE ANGLE | | | | | | | | | |
| N5896 | 20 | 12 | .192 | .750 | NH | — | — | .095 | \$ 46.37 M |
| N6209 | 20 | 30 | .367 | 1.875 | H | .990 | .500 | .379 | 179.79 M |
| N1166 | 20 | 34 | .365 | 2.12 | H | 1 | .510 | .375 | 264.23 M |
| □N1165 | 20 | 76 | 1/2 | 4.75 | H | 7/8 | 1/4** | 3/8 | 1204.00 M |
| □N1126 | 20 | 80 | 1/2 | 5.00 | H | 7/8 | 1/4** | 3/8 | 1240.00 M |

- * Has a .126 wide keyway
- Available only in glass filled Delrin Matl. \$50.00 set-up charge.
- ** Has a 1/4" extension each side

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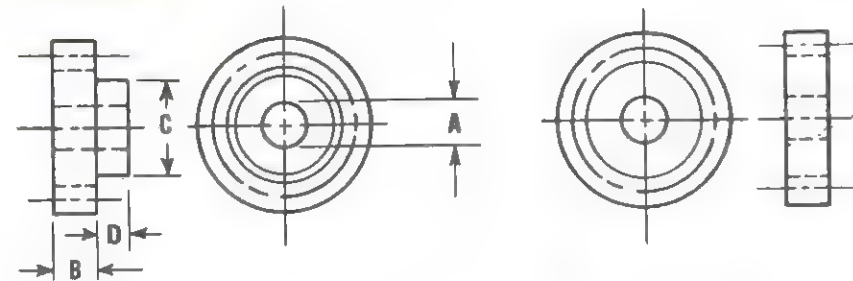


nylomatic

24 PITCH SPUR GEARS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

24 Pitch



STYLE H

STYLE NH

14½° PRESSURE ANGLE

| PART NO. | TEETH | P. D. | HOLE A | STYLE | FACE B | HUB | | PRICE PLUS SET-UP |
|----------|-------|-------|----------------|-------|--------|--------|---------|-------------------|
| | | | | | | DIA. C | PROJ. D | |
| N6004 | 12 | .500 | .250 x .192(D) | H | .256 | .398 | .188 | \$ 47.48 M |
| N5828-12 | 12 | .500 | .252 | H | .318 | .370 | .250 | 48.58 M |
| N5602-1 | 15 | .625 | .250 | NH | .220 | — | — | 48.12 M |
| N2045-1 | 18 | .75 | .250 x .192(D) | H | 1/4 | 1/2 | 3/16 | 52.88 M |
| N2045-2 | 18 | .75 | .253 | H | 1/4 | 1/2 | 3/16 | 52.88 M |
| N2045-3 | 18 | .75 | .253 | H | 1/4 | .442 | 7/16 | 53.87 M |
| N2045-4 | 18 | .75 | .250 | H | 1/4 | 1/2 | .095 | 52.12 M |
| N2045-5 | 18 | .75 | .250 | H | 1/4 | 1/2 | 1/4 | 53.00 M |
| N5851 | 18 | .75 | .250 x .215(D) | H | .256 | .493 | .250 | 53.00 M |
| N240 | 21 | .875 | .377 x .318(D) | H | 1/4 | 5/8 | 5/16 | 58.88 M |
| N297 | 24 | 1.00 | .252 | H | 1/4 | 5/8 | 3/16 | 59.20 M |
| N5515 | 24 | 1.00 | .256 | H | 1/4 | 5/8 | 3/8 | 42.10 M |
| N417 | 27 | 1.125 | .314 | NH | .183 | — | — | 33.30 M |
| N6290 | 36 | 1.500 | .249 | NH | .093 | — | — | 69.49 M |
| N5425 | 40 | 1.667 | .125 | H | .047 | 1/2 | 1/8 | 66.43 M |
| *N1044 | 84 | 3.50 | .378 | H | .325 | .850 | .230 | 582.00 M |

20° PRESSURE ANGLE

| | | | | | | | | |
|-------|----|------|------|----|-----|------|------|------------|
| N6530 | 18 | .75 | .304 | H | 1/4 | 1/2 | 1/8 | \$ 27.79 M |
| N5774 | 24 | 1.00 | .256 | NH | 3/8 | — | — | 57.83 M |
| N6274 | 36 | 1.50 | .250 | NH | 1/8 | 3/8 | 1/16 | 79.48 M |
| N5775 | 36 | 1.50 | .310 | H | 3/8 | .738 | .250 | 89.71 M |

* \$50.00 set-up charge.

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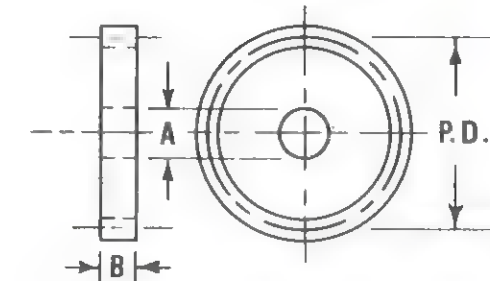
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32 PITCH SPUR GEARS — PLAIN

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

32 Pitch



14½° PRESSURE ANGLE

| PART NO. | TEETH | P. D. | HOLE A | FACE B | PRICE PLUS SET-UP |
|----------|-------|-------|---------|--------|-------------------|
| N32-12 | 12 | .375 | .125 | 3/16 | \$ 45.50 M |
| N32-14 | 14 | .438 | .125 | 3/16 | 45.94 M |
| N6097 | 14 | .438 | .127 | 3/16 | 45.94 M |
| N6548 | 14 | .438 | .188 sq | 3/16 | 45.94 M |
| N32-16 | 16 | .500 | .190 | 3/16 | 46.37 M |
| N32-18 | 18 | .563 | .190 | 3/16 | 46.83 M |
| N32-20 | 20 | .625 | .190 | 3/16 | 47.48 M |
| N32-24 | 24 | .750 | .190 | 3/16 | 49.25 M |
| N5594 | 24 | .750 | .252 | .177 | 49.25 M |
| N32-28 | 28 | .875 | .190 | 3/16 | 50.80 M |
| N32-32 | 32 | 1.000 | .250 | 3/16 | 52.32 M |
| N32-36 | 36 | 1.125 | .250 | 3/16 | 53.50 M |
| N5832 | 36 | 1.125 | .313 | .382 | 62.93 M |
| N32-38 | 38 | 1.188 | .250 | 3/16 | 71.76 M |
| N32-40 | 40 | 1.250 | .250 | 3/16 | 73.75 M |
| N32-44 | 44 | 1.375 | .250 | 3/16 | 76.77 M |
| N32-48 | 48 | 1.500 | .250 | 3/16 | 80.55 M |
| N2096 | 48 | 1.500 | .500 | 3/16 | 80.55 M |
| N32-52 | 52 | 1.625 | .250 | 3/16 | 83.21 M |
| N5404 | 56 | 1.750 | .624 | .192 | 77.53 M |
| N32-56 | 56 | 1.750 | .250 | .194 | 95.00 M |
| N32-62 | 62 | 1.938 | .250 | .198 | 102.00 M |
| N6186 | 62 | 1.938 | .927 | .250 | 97.27 M |

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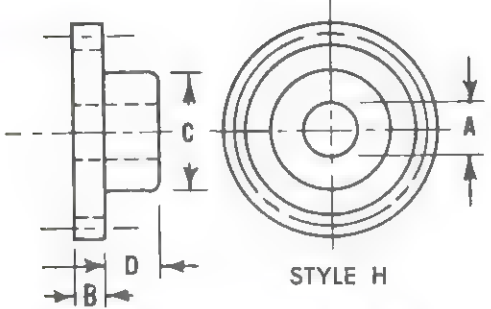
32 PITCH SPUR GEARS – WITH HUBS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

32 Pitch



Actual
Tooth Size



STYLE H

| 14½° PRESSURE ANGLE | | | | | | | | |
|---------------------|-------|-------|--------|-------|--------|--------|---------|-------------------|
| PART NO. | TEETH | P. D. | HOLE A | STYLE | FACE B | HUB | | PRICE PLUS SET-UP |
| | | | | | | DIA. C | PROJ. D | |
| N32-12H | 12 | .375 | .125 | H | 3/16 | 1/4 | 3/16 | \$ 46.05 M |
| N6098 | 12 | .375 | .188 | H | 3/16 | .279 | .188 | 46.05 M |
| N32-14H | 14 | .438 | .125 | H | 3/16 | 5/16 | 1/4 | 46.50 M |
| N32-16H | 16 | .500 | .188 | H | 3/16 | 3/8 | 1/4 | 48.17 M |
| N5331 | 16 | .500 | .256 | H | 3/16 | .406 | .250 | 48.17 M |
| □N5484 | 18 | .563 | .252 | H | 3/16 | .462 | .250 | 48.87 M |
| N32-18H | 18 | .563 | .188 | H | 3/16 | 3/8 | 1/4 | 48.87 M |
| N5015-2 | 20 | .625 | .255 | H | .185 | .487 | .195 | 49.25 M |
| N32-20H | 20 | .625 | .188 | H | 3/16 | 1/2 | 1/4 | 50.43 M |
| □N5828-20 | 20 | .625 | .248 | H | 3/8 | .488 | .185 | 52.16 M |
| □N5490-3 | 22 | .688 | .252 | H | .188 | .563 | .250 | 52.56 M |
| N32-24H | 24 | .750 | .188 | H | 3/16 | 5/8 | 1/4 | 51.87 M |
| □N5486-26 | 26 | .813 | .250 | H | .250 | .563 | .250 | 56.30 M |
| □N5489-G | 26 | .813 | .313 | H | .250 | .563 | .250 | 56.30 M |
| N32-28H | 28 | .875 | .188 | H | 3/16 | 5/8 | 1/4 | 53.42 M |
| N2075 | 32 | 1.000 | .192 | H | .260 | .312 | .312 | 56.97 M |
| N32-32H | 32 | 1.000 | .250 | H | 3/16 | 5/8 | 1/4 | 54.52 M |
| N32-36H | 36 | 1.125 | .250 | H | 3/16 | 5/8 | 1/4 | 56.05 M |
| □N5486-38 | 38 | 1.188 | .252 | H | .250 | .563 | .250 | 77.78 M |
| □N1010G | 40 | 1.250 | .313 | H | .250 | .563 | .250 | 80.06 M |
| N32-40H | 40 | 1.250 | .250 | H | 3/16 | 5/8 | 1/4 | 76.77 M |
| N5880 | 40 | 1.250 | .316 | H | 1/2 | .620 | .125 | 96.26 M |
| N32-44H | 44 | 1.375 | .250 | H | 3/16 | 5/8 | 1/4 | 79.40 M |
| N32-48H | 48 | 1.500 | .250 | H | 3/16 | 5/8 | 1/4 | 88.60 M |
| N32-52H | 52 | 1.625 | .250 | H | 3/16 | 5/8 | 1/4 | 98.10 M |
| N5829 | 52 | 1.625 | .250 | H | 3/8 | .504 | .185 | 109.03 M |
| N32-62H | 62 | 1.938 | .250 | H | .198 | 5/8 | 3/8 | 109.59 M |
| N6187 | 62 | 1.938 | .375 | H | .250 | .614 | .375 | 130.48 M |

□ Hub has a .102 dia. cross hole.

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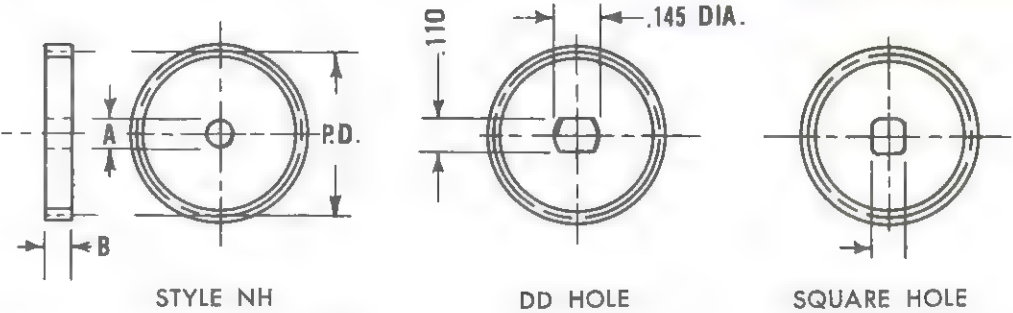
48 PITCH SPUR GEARS – PLAIN

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

48 Pitch



Actual
Tooth Size



STYLE NH

DD HOLE

SQUARE HOLE

| 14½° PRESSURE ANGLE | | | | | | |
|---------------------|-------|-------|---------------------|-------|--------|-------------------|
| PART NO. | TEETH | P. D. | HOLE A | STYLE | FACE B | PRICE PLUS SET-UP |
| N48-12 | 12 | .250 | .094 | NH | .125 | \$44.60 M |
| N363-3 | 12 | .250 | .145 Dia. x .110 DD | NH | .112 | 44.60 M |
| N48-14 | 14 | .292 | .094 | NH | .125 | 44.83 M |
| N48-16 | 16 | .333 | .125 | NH | .125 | 45.04 M |
| N6510 | 16 | .333 | .125 | NH | .125 | 45.10 M |
| N48-18 | 18 | .375 | .125 | NH | .125 | 45.27 M |
| N338 | 18 | .375 | .125 | NH | .100 | 42.69 M |
| N48-20 | 20 | .417 | .125 | NH | .125 | 45.50 M |
| N363-2 | 20 | .417 | .145 Dia. x .110 DD | NH | .112 | 45.50 M |
| N48-24 | 24 | .500 | .125 | NH | .125 | 45.94 M |
| N48-28 | 28 | .583 | .125 | NH | .125 | 46.37 M |
| N48-32 | 32 | .667 | .125 | NH | .125 | 47.04 M |
| N6511 | 32 | .667 | .250 | NH | .125 | 47.00 M |
| N48-36 | 36 | .750 | .188 | NH | .125 | 47.70 M |
| N6011-36 | 36 | .750 | .315 Square | NH | .157 | 47.48 M |
| N6011-40 | 40 | .833 | .204 | NH | .188 | 48.80 M |
| N48-40 | 40 | .833 | .188 | NH | .125 | 48.80 M |
| N363-1 | 44 | .917 | .190" Square | NH | .112 | 47.70 M |
| N48-48 | 48 | 1.000 | .188 | NH | .125 | 50.35 M |
| N48-56 | 56 | 1.167 | .188 | NH | .125 | 66.22 M |
| N48-60 | 60 | 1.250 | .250 | NH | .125 | 67.48 M |
| N5715 | 60 | 1.250 | .253 | NH | .312 | 74.78 M |
| N48-64 | 64 | 1.333 | .250 | NH | .125 | 70.00 M |
| N48-72 | 72 | 1.500 | .250 | NH | .125 | 73.70 M |
| N48-80 | 80 | 1.667 | .250 | NH | .125 | 76.40 M |



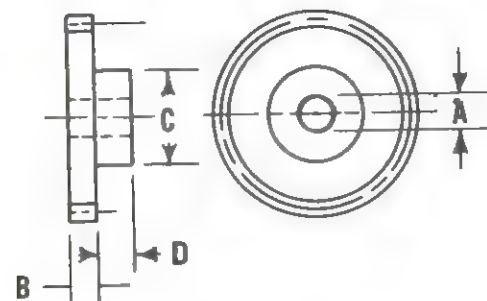
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48 PITCH SPUR GEARS — WITH HUBS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

48 Pitch

Actual
Tooth Size



STYLE H

14½° PRESSURE ANGLE

| PART NO. | TEETH | P. D. | HOLE A | STYLE | FACE B | HUB | | PRICE PLUS SET-UP |
|----------|-------|-------|--------|-------|--------|--------|---------|-------------------|
| | | | | | | DIA. C | PROJ. D | |
| N48-12H | 12 | .250 | .094 | H | .125 | 3/16 | 3/16 | \$45.02 M |
| N48-14H | 14 | .292 | .094 | H | .125 | 1/4 | 3/16 | 45.38 M |
| N48-16H | 16 | .333 | .125 | H | .125 | 1/4 | 3/16 | 45.58 M |
| N48-18H | 18 | .375 | .125 | H | .125 | 5/16 | 3/16 | 46.10 M |
| N48-20H | 20 | .417 | .125 | H | .125 | 3/8 | 1/4 | 47.21 M |
| N48-24H | 24 | .500 | .125 | H | .125 | 3/8 | 1/4 | 49.38 M |
| N48-28H | 28 | .583 | .125 | H | .125 | 1/2 | 1/4 | 49.83 M |
| N48-32H | 32 | .667 | .125 | H | .125 | 1/2 | 1/4 | 50.50 M |
| N48-36H | 36 | .750 | .188 | H | .125 | 5/8 | 1/4 | 52.02 M |
| N335 | 40 | .833 | .125 | H | .115 | 3/8 | 3/16 | 49.68 M |
| N48-40H | 40 | .833 | .188 | H | .125 | 5/8 | 1/4 | 53.12 M |
| N48-48H | 48 | 1.00 | .188 | H | .125 | 5/8 | 1/4 | 54.66 M |
| N48-56H | 56 | 1.167 | .188 | H | .125 | 5/8 | 1/4 | 71.28 M |
| *N5615 | 60 | 1.250 | .250 | H | .125 | 1 | .25 | 77.90 M |
| N48-60H | 60 | 1.250 | .250 | H | .125 | 5/8 | 1/4 | 71.80 M |
| N48-64H | 64 | 1.333 | .250 | H | .125 | 5/8 | 1/4 | 74.40 M |
| N48-72H | 72 | 1.500 | .250 | H | .125 | 5/8 | 1/4 | 76.77 M |
| N48-80H | 80 | 1.667 | .250 | H | .125 | 5/8 | 1/4 | 80.20 M |
| N5617 | 96 | 2.000 | .250 | H | .125 | 1 | 1/4 | 93.80 M |

*Has a hub 1/2 x 1/4 Projection on opposite side of gear.

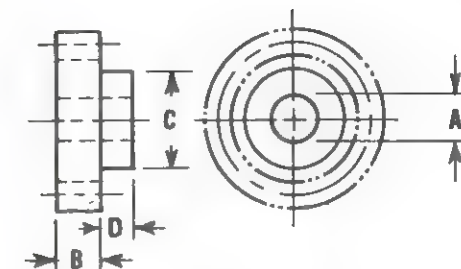
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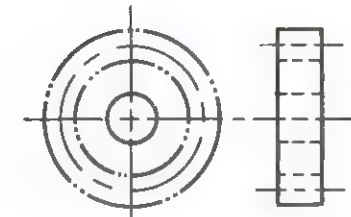
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MISCELLANEOUS GEARS 14½° AND 20° P.A.

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.



STYLE H



STYLE NH

14½° PRESSURE ANGLE

| PART NO. | PITCH | TEETH | HOLE A | P. D. | STYLE | HUB | | FACE B | PRICE PLUS SET-UP |
|----------|-------|-------|--------------------------|-------|-------|--------|---------|--------|-------------------|
| | | | | | | DIA. C | PROJ. D | | |
| *N5013 | 12 | 16 | .625 | 1.333 | H | 7/8 | 9/32 | .487 | \$ 76.85 M |
| N5017 | 12 | 18 | 1/4 | 1.500 | NH | — | — | .404 | 71.10 M |
| N1142 | 12 | 30 | .610 | 2.500 | H | 1" | 5/8 | .615 | 395.25 M |
| N1116-1 | 20 | 24 | .315 | 1.20 | H | .860 | 5/16 | .375 | 184.16 M |
| N1116-2 | 20 | 24 | .495 | 1.20 | H | .860 | 5/16 | .375 | 176.90 M |
| N1040 | 28 | 71 | .610 | 2.536 | NH | — | — | .255 | 171.60 M |
| N1040H | 28 | 71 | .625 | 2.536 | H | 1.250 | .370 | .255 | 177.60 M |
| N308 | 56 | 36 | .092 | .643 | H | 5/16 | 1/16 | .125 | 26.22 M |
| N330 | 64 | 32 | .099 dia. x .084 A.F. | .496 | NH | — | — | .085 | 14.90 M |
| N337 | 64 | 32 | .093 | .496 | H | .17 | .046 | .050 | 14.48 M |
| N205 | 64 | 60 | .125 | .938 | H | 1/2 | 1/8 | .125 | 51.24 M |

20° PRESSURE ANGLE

| | | | | | | | | | |
|--------|----|----|-----------|-------|----|------|------|-------|------------|
| N5453 | 10 | 12 | .480 | 1.2 | NH | — | — | 1.072 | \$143.28 M |
| N6610 | 12 | 16 | .600 | 1.333 | NH | — | — | 13/16 | 128.80 M |
| N1191 | 12 | 26 | 1.312 | 2.166 | NH | — | — | 13/16 | 256.00 M |
| N6204 | 20 | 20 | .215 | 1.000 | H | .423 | .500 | 1/4 | 81.64 M |
| N6203 | 20 | 24 | .375 | 1.200 | H | 5/8 | 1/2 | 1/4 | 86.40 M |
| *N6333 | 20 | 30 | .875 | 1.500 | NH | — | — | 3/8 | 104.55 M |
| N6176 | 20 | 30 | .255 | 1.500 | H | 5/8 | 1/8 | .1875 | 80.31 M |
| N6555 | 32 | 34 | .244 | 1.062 | H | .532 | .185 | 1/8 | 43.98 M |
| N5138 | 40 | 35 | .187 | .875 | NH | — | — | 1/8 | 28.65 M |
| N6275 | 36 | 9 | .124 D.D. | .250 | H | .187 | .015 | 1/8 | 51.10 M |
| N6416 | 64 | 48 | .185 | .750 | NH | — | — | .180 | 61.30 M |

*Has Counterbore

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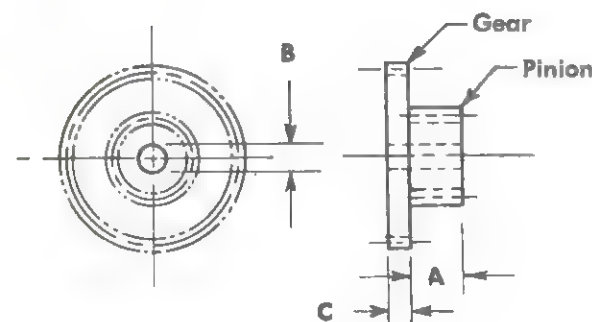


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32 PITCH COMBINATION GEARS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

32 Pitch



| PINION | | | | | | | GEAR | | | | | PRICE PLUS SET-UP |
|-----------|-------|-------|-------|--------|--------|------|-------|-------|-------|--------|------|-------------------|
| PART NO. | PITCH | TEETH | P.D. | FACE A | HOLE B | P.A. | PITCH | TEETH | P.D. | FACE C | P.A. | |
| N318 | 32 | 8 | .24 | .203 | .128 | 14½ | 32 | 34 | 1.063 | .158 | 14½ | \$ 52.12 M |
| N217 | 32 | 8 | .24 | .260 | .125 | 14½ | 48 | 60 | 1.25 | .125 | 14½ | 54.10 M |
| N6258 | 32 | 15 | .469 | 5/16 | .312 | 20° | 32 | 64 | 2.000 | 1/4 | 20° | 114.63 M |
| N6471-1 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 20 | .625 | 3/16 | 14½ | 70.64 M |
| N6512-1 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 22 | .687 | 3/16 | 14½ | 66.40 M |
| N6471-2 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 24 | .750 | 3/16 | 14½ | 72.10 M |
| N6512-2 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 26 | .812 | 3/16 | 14½ | 74.60 M |
| N6471-3 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 28 | .875 | 3/16 | 14½ | 76.80 M |
| N6512-3 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 30 | .937 | 3/16 | 14½ | 81.60 M |
| N1182-1 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 36 | 1.125 | 3/16 | 14½ | 146.72 M |
| N32-16-40 | 32 | 16 | .500 | .180 | .254 | 14½ | 32 | 40 | 1.25 | .195 | 14½ | 57.84 M |
| N1182-2 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 44 | 1.375 | 3/16 | 14½ | 158.20 M |
| N1182-3 | 32 | 16 | .500 | 3/16 | .250 | 14½ | 32 | 48 | 1.500 | 3/16 | 14½ | 176.60 M |
| N5445 | 32 | 18 | .562 | .310 | .180 | 14½ | 48 | 48 | 1.00 | .16 | 14½ | 61.80 M |
| N6318 | 32 | 32 | 1.000 | 3/16 | .248 | 14½ | 32 | 48 | 1.500 | 3/16 | 14½ | 96.18 M |

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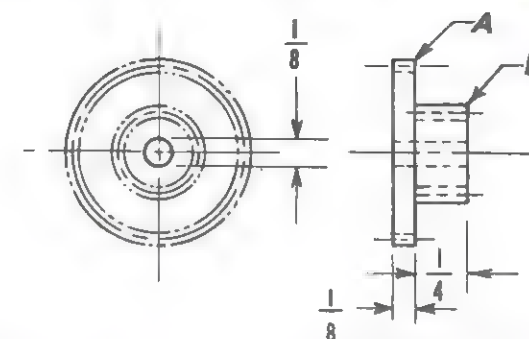
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48 PITCH COMBINATION GEARS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

48 Pitch



| 14½° PRESSURE ANGLE | | | |
|---------------------|------------------|----------------|-------------------|
| PART NO. | PINION TEETH (B) | GEAR TEETH (A) | PRICE PLUS SET-UP |
| N48-12-36 | 12 | 36 | \$48.36 M |
| N48-12-40 | 12 | 40 | 49.02 M |
| N48-12-48 | 12 | 48 | 50.46 M |
| N48-12-56 | 12 | 56 | 62.38 M |
| N48-12-60 | 12 | 60 | 64.00 M |
| N48-12-64 | 12 | 64 | 65.70 M |
| N48-12-72 | 12 | 72 | 66.48 M |
| N48-12-80 | 12 | 80 | 67.24 M |
| N48-14-36 | 14 | 36 | 47.37 M |
| N48-14-40 | 14 | 40 | 49.44 M |
| N48-14-48 | 14 | 48 | 51.60 M |
| N48-14-56 | 14 | 56 | 64.50 M |
| N48-14-60 | 14 | 60 | 65.36 M |
| N48-14-64 | 14 | 64 | 65.94 M |
| N48-14-72 | 14 | 72 | 70.20 M |
| N48-14-80 | 14 | 80 | 74.44 M |
| N48-16-36 | 16 | 36 | 49.25 M |
| N48-16-40 | 16 | 40 | 50.94 M |
| N48-16-48 | 16 | 48 | 52.62 M |
| N48-16-56 | 16 | 56 | 65.16 M |
| N48-16-60 | 16 | 60 | 66.64 M |
| N48-16-64 | 16 | 64 | 68.10 M |
| N48-16-72 | 16 | 72 | 71.81 M |
| N48-16-80 | 16 | 80 | 75.44 M |

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Issued 6-69



-
- The diagram illustrates a shaft and pulley assembly. On the left, a pulley is shown with its pitch diameter labeled as P.D. The shaft passes through the center of the pulley. To the right of the pulley, the shaft is shown in a cross-section. The distance from the center of the pulley to the center of the shaft cross-section is labeled B. The diameter of the shaft is labeled A. The distance from the center of the shaft to the center of the pulley is labeled C.

MITER GEARS – 90° AND GEAR CLUSTERS

-

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.

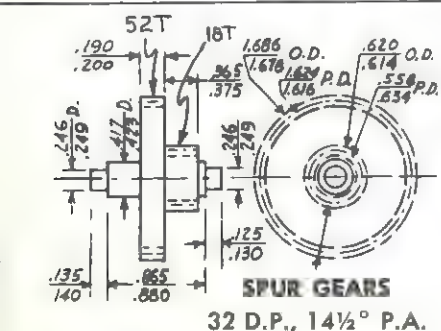
Technical drawing of a shaft-hub assembly. The shaft has a diameter of 320 and a length of 560. The hub has an inner diameter of 365 and an outer diameter of 380. The hub length is 244. The fit is specified as H7/h6 (x.250). The drawing includes a cross-section view labeled 'A' and a side view labeled 'B'.

| | |
|------------|------------|
| A. 24 D.P. | B. 24 D.P. |
| 24 Teeth | 12 Teeth |
| 1.00 P.D. | .50 P.D. |
| 14½° P.A. | 14½° P.A. |

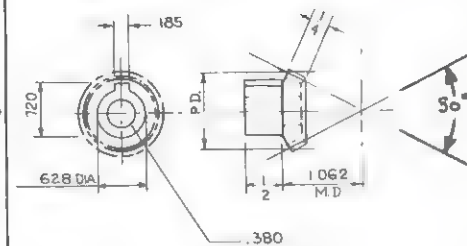
Technical drawing of a bolt and nut assembly. The drawing shows a bolt (A) and a nut (B) with the following dimensions:

- Bolt diameter: $\varnothing 43$
- Nut diameter: $\varnothing 43$
- Bolt length: 298 ± 0.1
- Nut length: 39.7 ± 0.1
- Bolt thread length: 12.5
- Nut thread length: 12.5
- Bolt head diameter: 12.2
- Nut head diameter: 12.2
- Bolt head thickness: 0.98
- Nut head thickness: 0.98
- Bolt head width: 0.25
- Nut head width: 0.25
- Bolt head width: $0.43 D$
- Nut head width: $0.43 D$

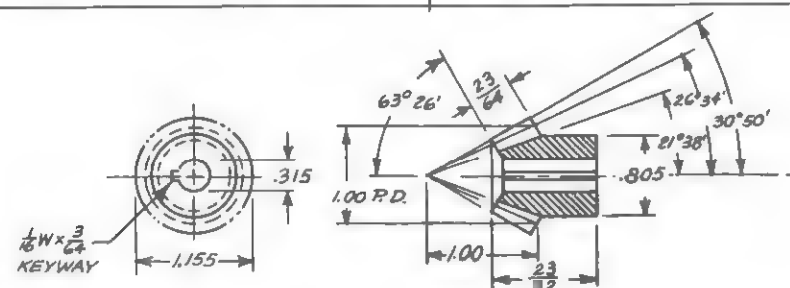
N333-334 \$40.00 M PAIRS + SETUP



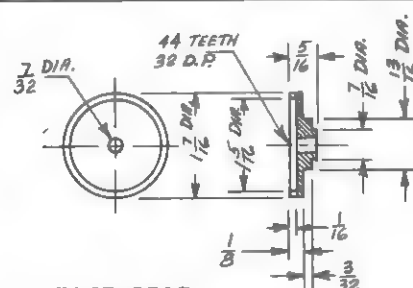
N1087 \$164.22 M + SETUP

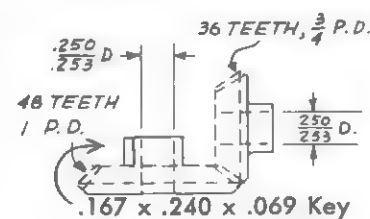


N6019 \$73.14 M + SETUP

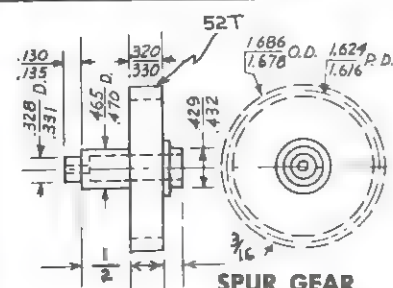


12 Pitch 12 Teeth

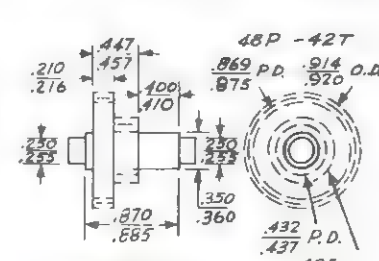




N442 \$64.80 M PAIRS + SET-UP



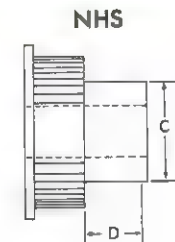
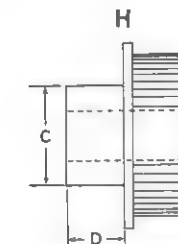
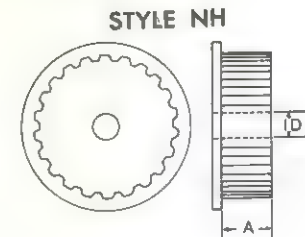
N2014 \$83.10 M + SETUP



N452 \$38.34 M + SETUP

- Tolerances $\pm .005$ per inch of dimension.
- A set-up charge of \$25.00 is made each time a part is ordered.
- Standard material is Nylon, Delrin and Glass filled Delrin, except those marked *.
- Apply for prices on quantities larger than 5M pieces.
- Prices subject to change without notice.

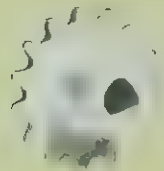
- Tolerances $\pm .005$ per inch of dimension.
- A set-up charge of \$25.00 is made each time a part is ordered.
- Standard material is Nylon, Delrin and Glass filled Delrin, except those marked *.
- Apply for prices on quantities larger than 5M pieces.
- Prices subject to change without notice.



NOTE: Nylomatic Corporation manufactures only the Timing Belt Pulleys. The required belts are manufactured by the U. S. Rubber Co.

| PART NO. | GROOVES | P. D. | FLANGE | | I.D. | STYLE | KEYWAY | HUB | | PRICE PLUS SET-UP |
|------------|---------|-------|--------|-----|------|-------|-------------|--------|---------|-----------------------|
| | | | O. D. | A | | | | DIA. C | PROJ. D | |
| □ N5490-10 | 10 | .637 | .85 | .31 | .250 | H | ----- | 9/16" | 1/4" | SEE SUPPLEMENT PAGE C |
| N6449 | 11 | .700 | .93 | .54 | .250 | NH | ----- | --- | --- | |
| ● N6452 | 11 | .700 | .92 | .54 | .312 | H | .094 x .045 | 1/2" | 5/32" | |
| ● N6448 | 12 | .764 | .98 | .54 | .312 | H | .094 x .045 | 1/2" | 5/32" | |
| ● N6483 | 12 | .764 | .98 | .54 | .250 | NH | .062 x .030 | --- | --- | |
| ● N6497 | 12 | .764 | .94 | .54 | .375 | NH | .094 x .045 | --- | --- | |
| □ N5490-12 | 12 | .764 | .92 | .31 | .250 | H | ----- | 9/16" | 1/4" | |
| □ N5489-12 | 12 | .764 | .92 | .43 | .312 | H | ----- | 9/16" | 1/4" | |
| ● N6451 | 13 | .828 | 1.04 | .54 | .400 | NH | .094 x .045 | --- | --- | |
| ● N6455 | 14 | .891 | 1.11 | .54 | .250 | NH | .062 x .040 | --- | --- | |
| □ N5490-14 | 14 | .891 | 1.11 | .43 | .250 | H | ----- | 9/16" | 1/4" | |
| N6460 | 15 | .955 | 1.18 | .54 | .500 | H | ----- | 1" | 5/8" | |
| N6461 | 16 | 1.019 | 1.25 | .54 | .500 | H | ----- | 1" | 5/8" | |
| ● N6458 | 18 | 1.146 | 1.36 | .54 | .250 | NH | .062 x .030 | --- | --- | |
| N6459 | 18 | 1.146 | 1.38 | .54 | .500 | H | ----- | 1" | 19/64" | |
| N6463 | 19 | 1.210 | 1.44 | .54 | .500 | H | ----- | 1" | 5/8" | |
| N6456 | 20 | 1.273 | 1.50 | .54 | .500 | NHS | ----- | 1" | 5/8" | |
| ● N6485 | 20 | 1.273 | 1.50 | .54 | .250 | NH | .062 x .035 | --- | --- | |
| ● N6498 | 20 | 1.273 | 1.45 | .54 | .375 | NH | .094 x .042 | --- | --- | |
| □ N1010-22 | 22 | 1.401 | 1.62 | .43 | .312 | H | ----- | 9/16" | 5/16" | |
| ● N6454 | 23 | 1.464 | 1.68 | .54 | .250 | NH | .063 x .036 | --- | --- | |
| N6513 | 23 | 1.464 | 1.68 | .54 | .312 | NHS | ----- | 1/2" | 5/32" | |
| N6465 | 23 | 1.464 | 1.68 | .54 | .500 | H | ----- | 1" | 5/8" | |
| N6462 | 24 | 1.528 | 1.75 | .54 | .500 | NHS | ----- | 1" | 5/8" | |
| □ N5485-24 | 24 | 1.528 | 1.56 | .31 | .250 | H | ----- | 9/16" | 1/4" | |
| N6464 | 28 | 1.783 | 2.00 | .54 | .500 | H | ----- | 1" | 5/8" | |
| ● N1177* | 40 | 2.546 | 2.77 | .54 | .468 | H | .094 x .045 | 15/16" | 3/16" | |
| ● N1178* | 42 | 2.674 | 2.90 | .54 | .312 | NHS | .094 x .045 | 1/2" | 3/16" | |
| ● N1176* | 48 | 3.056 | 3.28 | .59 | .500 | NH | .094 x .045 | --- | --- | |

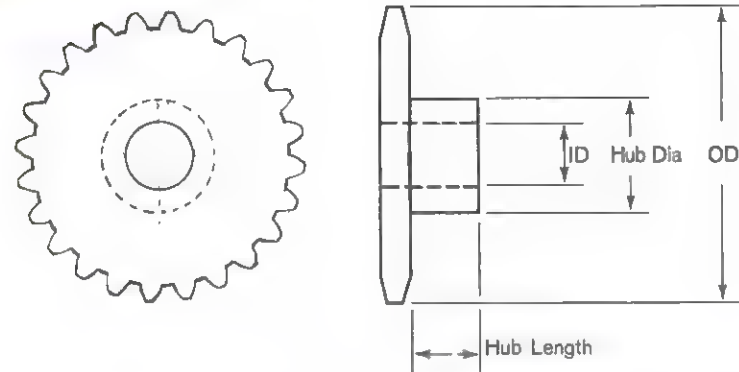
nylomatic division, morrisville, bucks county, pennsylvania



nylomatic

1/4" PITCH SPROCKETS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.



| PART NO. | TEETH | O.D. | I.D. | HUB DIA. | HUB LENGTH | PRICE PLUS SET-UP |
|----------|-------|-------|-----------------|--------------|------------|-------------------|
| N6174 | 7 | .590 | .125 | .250 | .540 | \$ 60.10 M |
| N6174-1 | 7 | .590 | .125 | .250 | .125 | 60.60 M |
| N6174-2 | 7 | .590 | .125 | .250 | .255 | 60.90 M |
| N5728 | 10 | .919 | .260 x .205 "D" | .500 | .520 | 71.10 M |
| N5728-1 | 12 | 1.083 | .260 x .190 "D" | .620 | .520 | 76.01 M |
| N6529 | 12 | 1.083 | .247 | .437 | .261 | 79.34 M |
| N6556 | 12 | 1.083 | .495 | .687 | .085 | 79.10 M |
| N6558 | 12 | 1.083 | .246 | .434 | .192 | 79.86 M |
| N5736 | 12 | 1.083 | .312 | .620 | .510 | 81.67 M |
| N5737 | 15 | 1.297 | .254 | .617 | .510 | 86.22 M |
| *N6286 | 17 | 1.487 | .500 | 1.050 & .925 | .270 | 89.77 M |
| N6826 | 18 | 1.568 | .250 | 1.125 | .500 | 92.75 M |
| N6391 | 21 | 1.809 | .700 | 1.370 | .420 | 95.92 M |
| N6006-1 | 24 | 2.049 | .125 | .490 | .140 | 98.61 M |
| N6157 | 24 | 2.049 | 1.338 | 1.610 | .400 | 106.20 M |

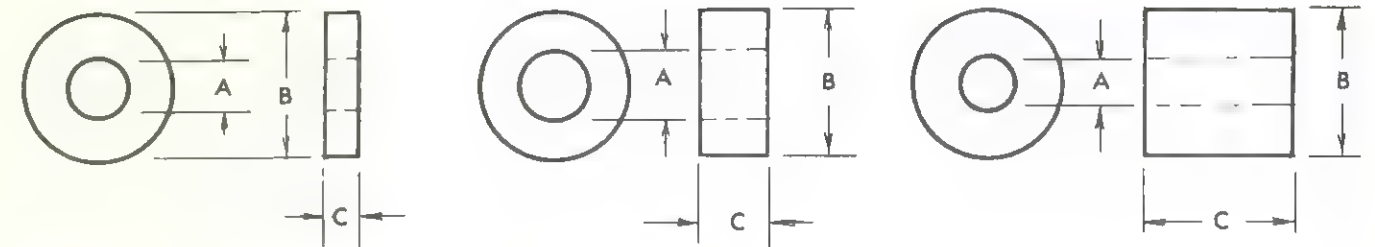
*Hub on both sides.

†Not included in Engineering Kit shown on Page four.

nylomatic

PLAIN BEARINGS, WASHERS, STAND-OFFS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon, natural color.
- All fractional sizes are Black Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.

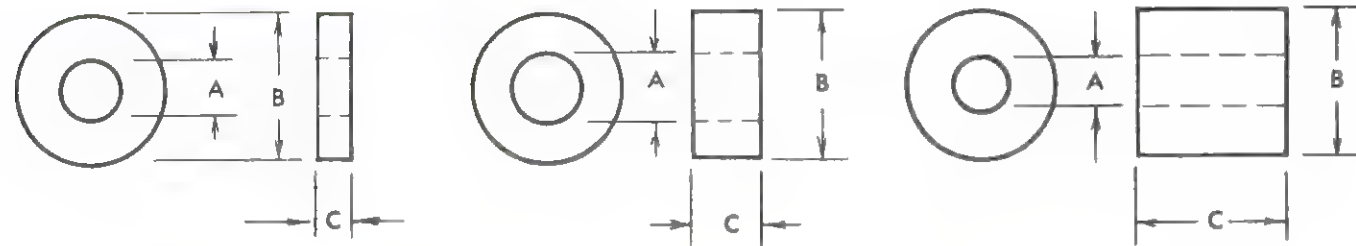


| PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP | PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP |
|----------|--------|--------|----------|-------------------|-----------|--------|--------|----------|-------------------|
| N6170 | .076 | .110 | .108 | \$ 7.40 M | N6063-1 | .157 | .380 | .132 | \$14.68 M |
| N6366 | .080 | .120 | .025 | 7.70 M | N6063-2 | .160 | .444 | .133 | 14.92 M |
| N5803 | .080 | .250 | .058 | 4.37 M | N6064 | .160 | .615 | .215 | 11.62 M |
| N5259A | .086 | .182 | .561 | 5.02 M | N5451 | .169 | .242 | .248 | 4.60 M |
| N5042 | .094 | .186 | .188 | 4.37 M | N5332 | .170 | .255 | .100 | 4.60 M |
| N5229A | .094 | .190 | .074 | 4.37 M | N6324 | .172 | .375 | .130 | 7.25 M |
| NFL-24 | .098 | .192 | .190 | 8.38 M | N5765 | .176 | .282 | .435 | 5.26 M |
| N5348 | .103 | .485 | .361 | 11.60 M | N5770 | .176 | .302 | .435 | 5.48 M |
| N5584 | .105 | .378 | .186 | 5.52 M | N6029 | .180 | .250 | .244 | 9.96 M |
| N6075 | .106 | .194 | .022 | 4.37 M | N5165-1 | .183 | .620 | .560 | 27.40 M |
| N5382 | .107 | .154 | .042 | 4.37 M | N5218 | .183 | .272 | .092 | 5.43 M |
| NFL-4 | .110 | .220 | .125 | 8.28 M | N5123 | .184 | .310 | .475 | 5.92 M |
| N5854-1 | .122 | .370 | .218 | 25.56 M | N5771 | .186 | .316 | .203 | 5.52 M |
| N350 | .122 | .253 | .118 | 7.62 M | N5767 | .187 | .282 | .480 | 5.04 M |
| N457 | .122 | .180 | .113 | 4.37 M | N6330 | .187 | .312 | .305 | 4.76 M |
| N6421 | .123 | .251 | .190 | 6.79 M | N3-1-D142 | 3/16 | 5/16 | 5/16 | 22.90 M |
| N5854-2 | .125 | .306 | .185 | 14.70 M | N3-1A | 3/16 | 3/8 | 3/8 | 24.50 M |
| N5210 | .130 | .251 | .158 | 4.82 M | N3-2 | 3/16 | 7/16 | 7/16 | 26.50 M |
| N5143 | .130 | .248 | .205 | 4.60 M | N5772 | .185 | .316 | .173 | 5.46 M |
| N5349 | .130 | .247 | .300 | 5.02 M | N5289 | .190 | .308 | .500 | 5.92 M |
| N481 | .132 | .186 | .403 | 4.60 M | N235 | .190 | .316 | .261 | 8.06 M |
| N6078 | .134 | .271 | .507 | 5.48 M | N233-1 | .190 | .316 | .161 | 7.85 M |
| N5556-2 | .153 | .205 | .040 | 4.37 M | N233-2 | .190 | .318 | .267 | 8.16 M |
| N5769 | .155 | .248 | .317 | 4.80 M | N278 | .190 | .435 | .128 | 10.64 M |

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PLAIN BEARINGS, WASHERS, STAND-OFFS

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| PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP |
|----------|--------|--------|----------|-------------------|
| N1097-1 | .190 | .750 | .346 | \$86.44 M |
| NFL-27 | .192 | .290 | .133 | 9.74 M |
| N5137 | .192 | .465 | .315 | 9.10 M |
| N2048 | .192 | .745 | .372 | 54.10 M |
| N6341 | .192 | .375 | .045 | 11.76 M |
| N5284 | .192 | .750 | .070 | 9.40 M |
| N5442 | .185 | .910 | .424 | 43.20 M |
| N5181 | .193 | .625 | .246 | 11.60 M |
| N6016 | .194 | .314 | .068 | 4.37 M |
| N2083 | .194 | .620 | .378 | 51.02 M |
| N168 | .194 | .620 | .984 | 64.40 M |
| N6232-1 | .196 | .441 | .735 | 72.86 M |
| N5648 | .195 | .562 | .334 | 13.80 M |
| N401 | .198 | .248 | .510 | 5.28 M |
| NFL-7 | .203 | .622 | .192 | 17.33 M |
| N6293 | .203 | .250 | .140 | 9.94 M |
| N5321 | .205 | .468 | .122 | 6.07 M |
| N6083 | .207 | .302 | .130 | 4.60 M |
| N5957 | .208 | .377 | .750 | 10.95 M |
| N5126 | .209 | .478 | .126 | 14.90 M |
| N5085 | .210 | .500 | .170 | 7.37 M |
| N6509 | .220 | .375 | .304 | 5.53 M |
| N5625 | .220 | .625 | .031 | 7.72 M |
| N5532 | .224 | .316 | .204 | 4.82 M |
| N6835 | .225 | .375 | .089 | 4.82 M |
| N5235 | .225 | .348 | .114 | 4.82 M |
| N5773 | .226 | .316 | .177 | 4.60 M |
| N5473 | .228 | .282 | .300 | 4.66 M |

| PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP |
|----------|--------|--------|----------|-------------------|
| N6015 | .230 | .315 | .069 | \$4.37 M |
| N5551-2 | .249 | .550 | .252 | 14.63 M |
| N6605 | .250 | .375 | .203 | 7.40 M |
| N4-1 | 1/4 | 3/8 | 3/8 | 23.80 M |
| N4-1A | 1/4 | 7/16 | 7/16 | 26.10 M |
| N4-2 | 1/4 | 1/2 | 1/2 | 28.20 M |
| N5033-8 | .252 | .375 | .456 | 9.40 M |
| N5340 | .252 | .614 | .247 | 13.50 M |
| N5033-6 | .253 | .377 | .250 | 11.16 M |
| N6349 | .253 | .372 | 1.589 | 15.54 M |
| N5624 | .254 | .438 | .378 | 8.40 M |
| N6232-2 | .254 | .441 | .315 | 68.57 M |
| N5315 | .254 | .745 | .715 | 61.14 M |
| NFL-11 | .255 | .376 | .354 | 21.13 M |
| N5437 | .255 | .497 | .251 | 8.00 M |
| N5433-1 | .255 | .620 | .097 | 11.08 M |
| N306-1 | .255 | .630 | .250 | 18.45 M |
| N5712 | .257 | .493 | .220 | 9.17 M |
| N5171 | .258 | .632 | .500 | 22.40 M |
| N5990 | .260 | .378 | .176 | 5.18 M |
| N5551-1 | .263 | .565 | .565 | 18.40 M |
| N6164 | .269 | .500 | .218 | 7.80 M |
| N306 | .272 | .630 | .250 | 18.45 M |
| N5329 | .273 | .610 | .250 | 10.50 M |
| N5285 | .285 | .758 | .126 | 14.63 M |
| N2112 | .294 | .614 | .932 | 49.67 M |
| N5604 | .308 | .553 | .485 | 15.05 M |

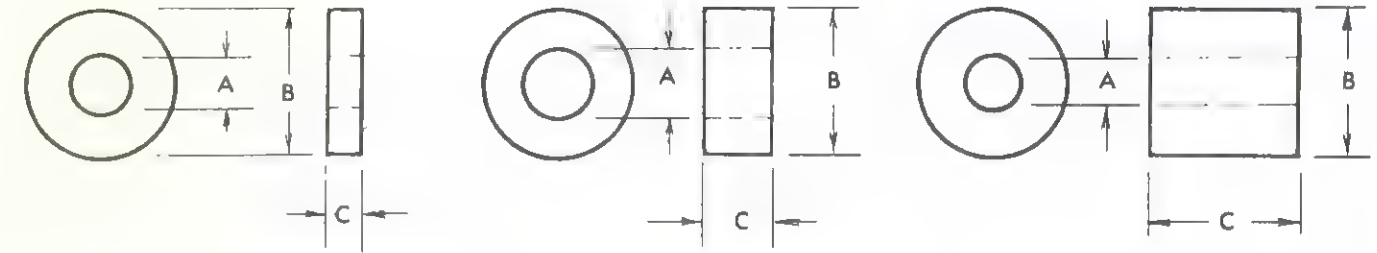
nylomatic division, morrisville, bucks county, pennsylvania

Issued 6-69

nylomatic

PLAIN BEARINGS, WASHERS, STAND-OFFS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon, natural color.
- All fractional sizes are Black Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.



| PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP |
|----------|--------|--------|----------|-------------------|
| N6049 | .297 | .342 | .344 | \$ 4.80 M |
| N5872-2 | .308 | .585 | .132 | 15.36 M |
| N5-1 | 5/16 | 7/16 | 7/16 | 24.30 M |
| N5-1A | 5/16 | 1/2 | 1/2 | 27.10 M |
| N5-2 | 5/16 | 9/16 | 9/16 | 29.80 M |
| N6327 | .312 | .625 | .220 | 10.36 M |
| N6326 | .312 | .625 | .156 | 9.74 M |
| N6325 | .312 | .625 | .094 | 9.53 M |
| N5525-2 | .314 | .808 | .427 | 58.52 M |
| N5525-1 | .317 | .750 | .432 | 28.30 M |
| N6836 | .318 | .442 | .880 | 18.66 M |
| N5852 | .319 | .433 | .942 | 11.60 M |
| N6122 | .322 | .528 | .102 | 8.05 M |
| N2110 | .348 | .742 | .992 | 62.47 M |
| N6-1 | 3/8 | 1/2 | 1/2 | 24.60 M |
| N6-1A | 3/8 | 9/16 | 9/16 | 28.60 M |
| N6-2 | 3/8 | 5/8 | 5/8 | 31.80 M |
| N5065 | .377 | .554 | .060 | 6.48 M |
| N5842 | .378 | .504 | .375 | 12.17 M |
| N6044 | .380 | .506 | 1.002 | 19.32 M |
| N189 | .381 | .525 | .093 | 13.58 M |
| N5193 | .390 | .538 | 1.928 | 37.68 M |
| N6232-3 | .495 | .687 | .234 | 69.33 M |
| N7-1 | 7/16 | 9/16 | 9/16 | 26.00 M |
| N7-1A | 7/16 | 5/8 | 5/8 | 30.10 M |
| N7-2 | 7/16 | 11/16 | 11/16 | 33.90 M |
| N6643 | .500 | .625 | .168 | 19.80 M |

| PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP |
|----------|--------|--------|----------|-------------------|
| N8-1 | 1/2 | 5/8 | 5/8 | \$26.50 M |
| N8-1A | 1/2 | 11/16 | 11/16 | 31.80 M |
| N8-2 | 1/2 | 3/4 | 3/4 | 36.30 M |
| N5307 | .503 | .820 | .095 | 9.17 M |
| N5582-1 | .504 | .875 | .125 | 45.90 M |
| N5640 | .520 | .750 | .094 | 11.18 M |
| N9-1 | 9/16 | 11/16 | 11/16 | 27.90 M |
| N9-1A | 9/16 | 3/4 | 3/4 | 33.70 M |
| N9-2 | 9/16 | 13/16 | 13/16 | 38.80 M |
| NFL-3 | .562 | .685 | .438 | 13.35 M |
| N5657 | .565 | .812 | .094 | 11.38 M |
| N1097-3 | .572 | 1.250 | .220 | 91.45 M |
| N10-1 | 5/8 | 3/4 | 3/4 | 33.60 M |
| N10-1A | 5/8 | 13/16 | 13/16 | 42.60 M |
| N10-2 | 5/8 | 7/8 | 7/8 | 48.60 M |
| N5641 | .630 | 1.000 | .094 | 12.77 M |
| N5654 | .675 | .875 | .094 | 11.60 M |
| N2115 | .680 | 1.630 | .125 | 86.94 M |
| N11-1 | 11/16 | 13/16 | 13/16 | 35.50 M |
| N11-1A | 11/16 | 7/8 | 7/8 | 44.70 M |
| N11-2 | 11/16 | 15/16 | 15/16 | 51.90 M |
| N12-1 | 3/4 | 7/8 | 7/8 | 36.60 M |
| N12-1A | 3/4 | 15/16 | 15/16 | 47.10 M |
| N12-2 | 3/4 | 1 | 1 | 55.40 M |
| N2130 | .759 | 1.000 | .500 | 81.17 M |

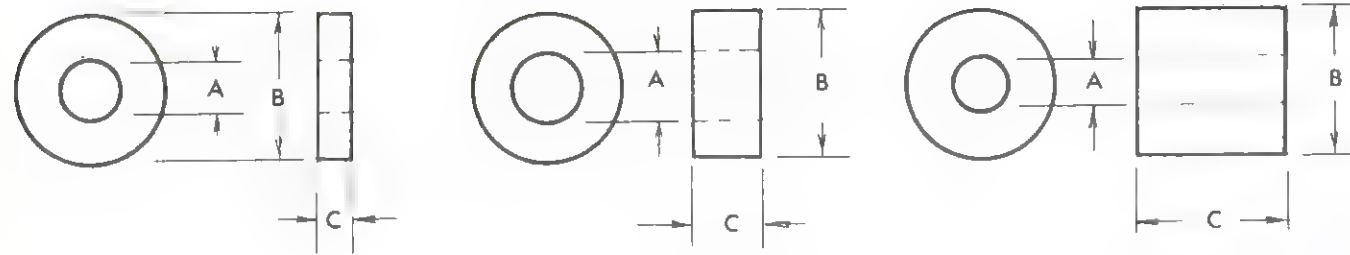
nylomatic division, morrisville, bucks county, pennsylvania

Issued 6-69

nylomatic

PLAIN BEARINGS, WASHERS, STAND-OFFS

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- Standard material is Dupont #101 Nylon, natural color.
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- Apply for prices on quantities larger than 50M pieces.
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| PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP |
|----------|--------|--------|----------|-------------------|
| N5655 | .760 | 1.063 | .094 | \$14.50 M |
| N5658 | .790 | 1.000 | .094 | 13.67 M |
| N13-1 | 13/16 | 15/16 | 15/16 | 38.60 M |
| N13-1A | 13/16 | 1 | 1 | 49.50 M |
| N13-2 | 13/16 | 1 1/16 | 1 1/16 | 58.90 M |
| N14-1 | 7/8 | 1 | 1 | 40.50 M |
| N14-1A | 7/8 | 1 1/16 | 1 1/16 | 52.30 M |
| N14-2 | 7/8 | 1 1/8 | 1 1/8 | 62.50 M |
| N5656 | .890 | 1.125 | .094 | 14.02 M |
| N5659 | .935 | 1.125 | .094 | 14.02 M |
| N15-1 | 15/16 | 1 1/16 | 1 1/16 | 42.70 M |
| N15-1A | 15/16 | 1 1/8 | 1 1/8 | 55.00 M |
| N15-2 | 15/16 | 1 3/16 | 1 3/16 | 66.20 M |

| PART NO. | A HOLE | B O.D. | C LENGTH | PRICE PLUS SET-UP |
|----------|--------|--------|----------|-------------------|
| N16-1 | 1 | 1 1/8 | 1 1/8 | \$ 44.30 M |
| N16-1A | 1 | 1 3/16 | 1 3/16 | 58.10 M |
| N16-2 | 1 | 1 1/4 | 1 1/4 | 70.70 M |
| N5660 | 1.025 | 1.188 | .094 | 16.00 M |
| *N17-1 | 1 1/16 | 1 3/16 | 1 3/16 | P.O.A. |
| *N17-1A | 1 1/16 | 1 1/4 | 1 1/4 | P.O.A. |
| *N17-2 | 1 1/16 | 1 5/16 | 1 5/16 | P.O.A. |
| *N18-1 | 1 1/8 | 1 1/4 | 1 1/4 | P.O.A. |
| *N18-1A | 1 1/8 | 1 5/16 | 1 5/16 | P.O.A. |
| *N18-2 | 1 1/8 | 1 3/8 | 1 3/8 | P.O.A. |
| N6162 | 1.290 | 2.140 | .098 | 62.25 M |
| N5813 | 1.555 | 2.058 | .120 | 58.96 M |
| N1106 | 1.612 | 3.170 | .254 | 174.84 M |

*Not included in Engineering Kit WSB-4 shown on Page four.

P.O.A. Price upon application.

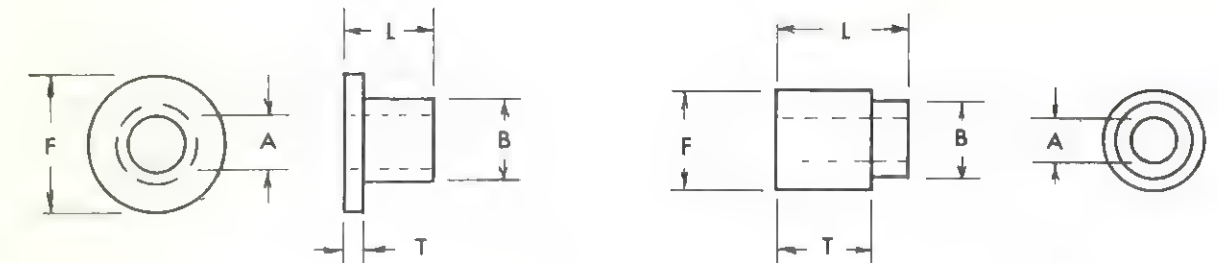
nylomatic division, morrisville, bucks county, pennsylvania

Issued 6-69

nylomatic

FLANGED BEARINGS, INSULATORS, SLEEVES

- A \$25.00 set-up charge applies to each part ordered.
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| PART NO. | I. D. A | O. D. B | FL. DIA. F | FL. THK. T | O. L. L | PRICE PLUS SET-UP |
|----------|---------|---------|------------|------------|---------|-------------------|
| NFL-19 | .047 | .070 | .107 | .017 | .028 | \$ 9.72 M |
| NFL-28 | .064 | .130 | .188 | .038 | .094 | 9.74 M |
| N2079A | .094 | .136 | .212 | .032 | .090 | 24.24 M |
| N6847 | .100 | .154 | .224 | .028 | .230 | 11.10 M |
| N422 | .110 | .134 | .375 | .024 | .105 | 5.40 M |
| N5111 | .116 | .158 | .316 | .052 | .148 | 4.60 M |
| N6505 | .116 | .158 | .306 | .047 | .109 | 6.44 M |
| N5342 | .118 | .148 | .312 | .048 | .085 | 4.60 M |
| N5212 | .122 | .150 | .247 | .046 | .225 | 4.60 M |
| N5228 | .124 | .148 | .253 | .050 | .148 | 4.60 M |
| N5722 | .128 | .187 | .318 | .028 | .218 | 4.60 M |
| N267 | .130 | .163 | .247 | .250 | .360 | 7.85 M |
| N2033 | .132 | .187 | .275 | .128 | .330 | 8.05 M |
| N276 | .132 | .184 | .308 | .045 | .112 | 7.62 M |
| NFL-6 | .133 | .370 | .973 | .038 | .098 | 26.22 M |
| N471 | .136 | .234 | .380 | .096 | .182 | 5.25 M |
| N5817 | .138 | .198 | .250 | .094 | 11/32 | 5.64 M |
| N5794 | .143 | .250 | .325 | .088 | .676 | 7.18 M |
| N2079B | .145 | .248 | .372 | .063 | .125 | 24.66 M |
| N5464 | .153 | .222 | .375 | .050 | .250 | 5.10 M |
| N5644 | .155 | .250 | .312 | .062 | .688 | 6.77 M |
| N6039 | .157 | .250 | .312 | .010 | .132 | 44.60 M |
| N5286 | .158 | .224 | .375 | .064 | .252 | 4.86 M |
| N6310 | .159 | .250 | .312 | .062 | .250 | 9.39 M |
| *NFL-20 | .160 | *.250 | .383 | .050 | .440 | 16.00 M |
| N5316-1 | .162 | .192 | .247 | .144 | .250 | 7.62 M |
| N5316-2 | .162 | .192 | .247 | .306 | .408 | 7.85 M |

*.062 radius on end of .250 shank dia.

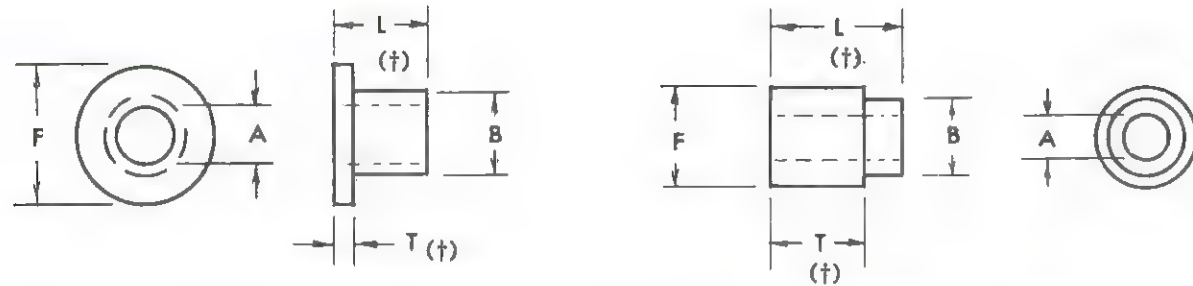
nylomatic division, morrisville, bucks county, pennsylvania

Issued 6-69

nylomatic

FLANGED BEARINGS, INSULATORS, SLEEVES

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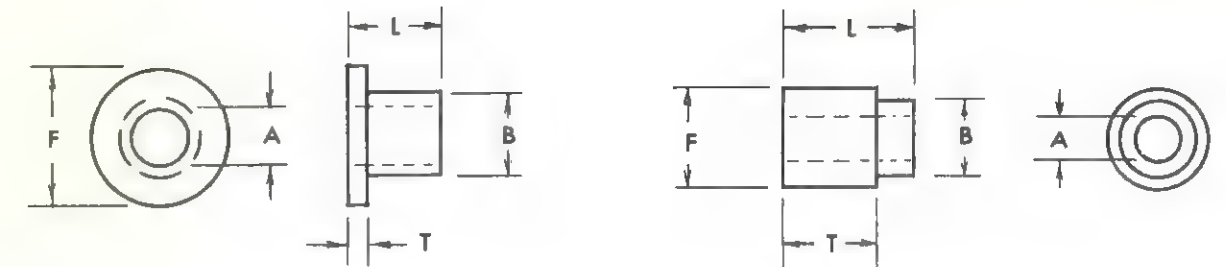
| PART NO. | I. D. A | O. D. B | FL. DIA. F | FL. THK. T | O. L. L | PRICE PLUS SET-UP |
|----------|---------|---------|------------|------------|---------|-------------------|
| N6232-4 | .164 | .500 | .625 | .125 | .281 | \$70.59 M |
| N5408 | .165 | .255 | .370 | .053 | .226 | 5.30 M |
| N5093 | .172 | .248 | .308 | .127 | .208 | 4.83 M |
| N5043 | .182 | .270 | .358 | .052 | .478 | 5.75 M |
| N5009 | .185 | .272 | .364 | .052 | .570 | 5.96 M |
| NFL-21 | .188 | .230 | .500 | .035 | .660 | 24.90 M |
| NF3-1 | 3/16 | 5/16 | 7/16 | 1/16 | 5/16 | 25.42 M |
| NF3-1A | 3/16 | 3/8 | 1/2 | 1/16 | 3/8 | 27.85 M |
| NF3-2 | 3/16 | 7/16 | 9/16 | 1/16 | 7/16 | 30.71 M |
| N260 | .192 | .308 | .438 | .180 | .255 | 11.52 M |
| N5040 | .193 | .375 | .550 | .093 | .186 | 7.78 M |
| N5966 | .195 | .236 | .340 | .042 | .225 | 4.90 M |
| N5919 | .195 | .282 | .500 | .032 | .065 | 7.65 M |
| N6021 | .197 | .270 | .360 | .025 | .128 | 4.75 M |
| N6653 | .200 | .502 | .625 | .109 | .375 | 18.10 M |
| N6295 | .203 | .250 | .375 | .062 | .222 | 9.53 M |
| NFL-16 | .204 | .340 | .684 | .030 | .187 | 11.00 M |
| NFL-14 | .208 | .315 | .616 | .055 | .102 | 11.50 M |
| NFL-15 | .216 | .367 | .553 | .105 | .160 | 11.50 M |
| N288 | .222 | .317 | .500 | .328 | .630 | 19.56 M |
| N5182 | .238 | .356 | .658 | .106 | .278 | 9.36 M |
| ND71 | 1/4 | 3/8 | 1/2 | 1/16 | 3/8 | 26.70 M |
| NF4-1A | 1/4 | 7/16 | 9/16 | 1/16 | 7/16 | 30.00 M |
| NF4-2 | 1/4 | 1/2 | 5/8 | 1/16 | 1/2 | 33.00 M |
| N5859 | .252 | .386 | .502 | .065 | .435 | 8.20 M |
| N5389 | .252 | .310 | .500 | .064 | .255 | 5.40 M |
| N5369 | .252 | .500 | .870 | .375 | .996 | 42.75 M |
| N5788 | .245 | .283 | .667 | .100 | .232 | 9.17 M |
| N6294 | .253 | .372 | .750 | .062 | .288 | 27.63 M |

nylomatic division, morrisville, bucks county, pennsylvania

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FLANGED BEARINGS, INSULATORS, SLEEVES

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon, natural color.
- All fractional sizes are Black Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.



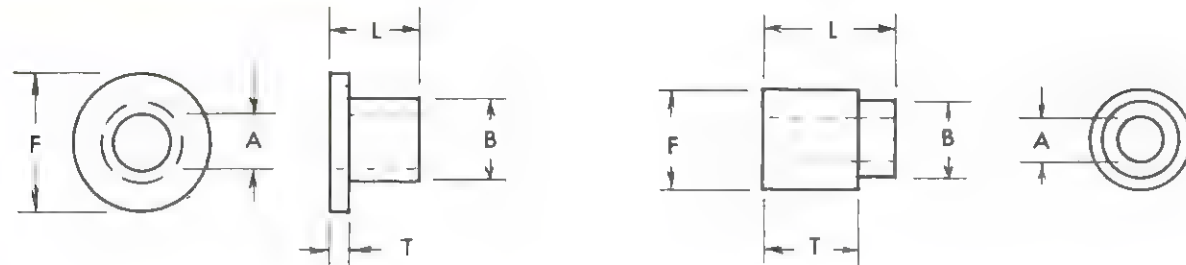
| PART NO. | I. D. A | O. D. B | FL. DIA. F | FL. THK. T | O. L. L | PRICE PLUS SET-UP |
|----------|---------|---------|------------|------------|---------|-------------------|
| N5209 | .265 | .305 | .440 | .032 | .390 | \$ 6.47 M |
| N2052 | .257 | .442 | .688 | .078 | .437 | 48.35 M |
| N458 | .257 | .312 | .569 | .068 | .128 | 6.05 M |
| N5330-1 | .257 | .378 | .622 | .064 | .279 | 9.15 M |
| N5433-2 | .258 | .375 | .620 | .134 | .888 | 18.90 M |
| N5550-1 | .258 | .439 | .620 | .188 | .500 | 29.72 M |
| N5187 | .260 | .312 | .625 | .032 | .198 | 8.05 M |
| N5330-2 | .260 | .375 | .625 | .062 | .218 | 8.73 M |
| N5041 | .261 | .488 | .622 | .125 | .250 | 12.84 M |
| N5214 | .257 | .336 | .500 | .049 | .368 | 8.28 M |
| N5067-4 | .263 | .309 | .438 | .030 | .286 | 14.68 M |
| N5142-2 | .265 | .510 | 1.000 | .167 | .634 | 56.75 M |
| N5154 | .292 | .438 | .617 | .035 | .564 | 10.72 M |
| N6323 | .312 | .373 | .500 | .093 | .250 | 13.52 M |
| ND117 | 5/16 | 7/16 | 9/16 | 1/16 | 7/16 | 27.57 M |
| NF5-1A | 5/16 | 1/2 | 5/8 | 1/16 | 1/2 | 31.42 M |
| NF5-2 | 5/16 | 9/16 | 11/16 | 1/16 | 9/16 | 35.48 M |
| N443 | .314 | .350 | .508 | .056 | .202 | 6.70 M |
| N5067-8 | .318 | .363 | .496 | .028 | .280 | 8.05 M |
| N6076 | .318 | .375 | .502 | .180 | .334 | 7.36 M |
| N6375 | .318 | .440 | .622 | .035 | .564 | 15.00 M |
| N5934 | .322 | .493 | .744 | .128 | .650 | 16.60 M |
| N426 | .322 | .455 | .704 | .058 | .145 | 8.28 M |
| N5145-3 | .325 | .570 | .660 | .063 | .295 | 10.74 M |
| N5412-1 | .327 | .502 | .760 | .082 | .460 | 14.38 M |
| N427 | .335 | .450 | .620 | .046 | .228 | 8.73 M |
| ND104 | 3/8 | 1/2 | 5/8 | 1/16 | 1/2 | 28.00 M |
| NF6-1A | 3/8 | 9/16 | 11/16 | 1/16 | 9/16 | 33.57 M |
| NF6-2 | 3/8 | 5/8 | 3/4 | 1/16 | 5/8 | 38.14 M |

nylomatic division, morrisville, bucks county, pennsylvania

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FLANGED BEARINGS, INSULATORS, SLEEVES

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- Standard material is Dupont #101 Nylon, natural color.
- All fractional sizes are Black Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.



| PART NO. | I. D. A | O. D. B | FL. DIA. F | FL. THK. T | O. L. L | PRICE PLUS SET-UP |
|-------------|---------|---------|------------|------------|---------|-------------------|
| N5007-1 | .378 | .494 | .745 | .220 | .438 | \$15.70 M |
| N5007-2 | .378 | .494 | .745 | .130 | .350 | 13.73 M |
| N5007-3 | .380 | .496 | .750 | .045 | .257 | 11.52 M |
| N5901 | .380 | .626 | .742 | .262 | .388 | 18.36 M |
| N5412-2 | .382 | .502 | .760 | .082 | .460 | 13.50 M |
| N5036 | .382 | .496 | .817 | .061 | .295 | 12.60 M |
| N5965 | .384 | .632 | .755 | .248 | 1.130 | 33.12 M |
| N5403 | .385 | .560 | 1.500 | .056 | .307 | 32.40 M |
| NFL-13 | .388 | .508 | .630 | .070 | .376 | 11.94 M |
| N5145-2 | .388 | .570 | .660 | .063 | .295 | 10.08 M |
| NF7-1-D182 | 7/16 | 9/16 | 11/16 | 1/16 | 9/16 | 29.85 M |
| NF7-1A | 7/16 | 5/8 | 3/4 | 1/16 | 5/8 | 35.85 M |
| NF7-2 | 7/16 | 11/16 | 13/16 | 1/16 | 11/16 | 41.14 M |
| N5145-1 | .450 | .570 | .660 | .063 | .345 | 9.87 M |
| N6048 | .465 | .627 | .880 | .037 | .255 | 12.63 M |
| N5568 | .500 | .735 | 1.120 | .100 | .370 | 26.96 M |
| NF8-1-D145 | 1/2 | 5/8 | 3/4 | 1/16 | 5/8 | 30.71 M |
| NF8-1A | 1/2 | 11/16 | 13/16 | 1/16 | 11/16 | 38.66 M |
| NF8-2 | 1/2 | 3/4 | 7/8 | 1/16 | 3/4 | 44.50 M |
| N2131 | .503 | .580 | .818 | .040 | .296 | 69.08 M |
| N5136 | .504 | .689 | .810 | .125 | .444 | 16.15 M |
| N6147 | .512 | .636 | 3/4 | 1/16 | .260 | 12.63 M |
| NF9-1 | 9/16 | 11/16 | 7/8 | 1/16 | 11/16 | 32.73 M |
| NF9-1A | 9/16 | 3/4 | 15/16 | 1/16 | 3/4 | 40.82 M |
| NF9-2 | 9/16 | 13/16 | 1 | 1/16 | 13/16 | 48.28 M |
| NFL2-2 | .570 | .658 | .812 | .050 | .362 | 47.25 M |
| N2129 | .613 | 1.000 | 1.125 | .097 | .465 | 94.47 M |
| N6077 | .616 | .816 | 1.250 | .098 | .497 | 37.68 M |
| NF10-1-D153 | 5/8 | 3/4 | 15/16 | 1/16 | 3/4 | 34.10 M |

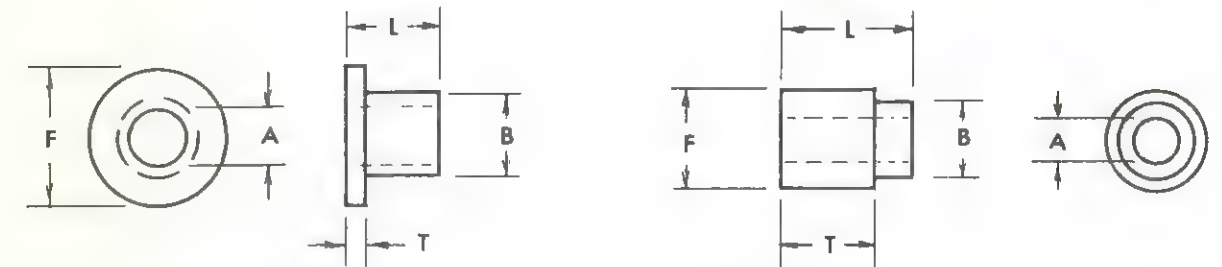
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FLANGED BEARINGS, INSULATORS, SLEEVES

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon, natural color.
- All fractional sizes are Black Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.



| PART NO. | I. D. A | O. D. B | FL. DIA. F | FL. THK. T | O. L. L | PRICE PLUS SET-UP |
|-------------|---------|---------|------------|------------|---------|-------------------|
| NF10-1A | 5/8 | 13/16 | 1 | 1/16 | 13/16 | \$47.00 M |
| NF10-2 | 5/8 | 7/8 | 1 1/16 | 1/16 | 7/8 | 55.50 M |
| NF11-1 | 11/16 | 13/16 | 1 | 1/16 | 13/16 | 37.00 M |
| NF11-1A | 11/16 | 7/8 | 1 1/16 | 1/16 | 7/8 | 50.00 M |
| NF11-2 | 11/16 | 15/16 | 1 1/8 | 1/16 | 15/16 | 60.30 M |
| NF12-1-D141 | 3/4 | 7/8 | 1 1/16 | 1/16 | 7/8 | 38.50 M |
| NF12-1A | 3/4 | 15/16 | 1 1/8 | 1/16 | 15/16 | 53.40 M |
| NF12-2 | 3/4 | 1 | 1 3/16 | 1/16 | 1 | 65.40 M |
| N2136 | .757 | 1.000 | 1.495 | .111 | .593 | 87.93 M |
| NFL2-1 | .758 | .850 | .995 | .050 | .175 | 46.37 M |
| NF13-1 | 13/16 | 15/16 | 1 1/8 | 1/16 | 15/16 | 41.10 M |
| NF13-1A | 13/16 | 1 | 1 3/16 | 1/16 | 1 | 56.80 M |
| NF13-2 | 13/16 | 1 1/16 | 1 1/4 | 1/16 | 1 1/16 | 70.20 M |
| N6384 | .875 | 1.250 | 1.438 | .125 | 1.500 | 157.62 M |
| NF14-1 | 7/8 | 1 | 1 3/16 | 1/16 | 1 | 44.14 M |
| NF14-1A | 7/8 | 1 1/16 | 1 1/4 | 1/16 | 1 1/16 | 60.80 M |
| NF14-2 | 7/8 | 1 1/8 | 1 5/16 | 1/16 | 1 1/8 | 75.40 M |
| NF15-1 | 15/16 | 1 1/16 | 1 1/4 | 1/16 | 1 1/16 | 47.61 M |
| NF15-1A | 15/16 | 1 1/8 | 1 5/16 | 1/16 | 1 1/8 | 64.70 M |
| NF15-2 | 15/16 | 1 3/16 | 1 3/8 | 1/16 | 1 3/16 | 80.76 M |
| NF16-1 | 1 | 1 1/8 | 1 5/16 | 1/16 | 1 1/8 | 49.57 M |
| NF16-1A | 1 | 1 3/16 | 1 3/8 | 1/16 | 1 3/16 | 69.10 M |
| NF16-2 | 1 | 1 1/4 | 1 7/16 | 1/16 | 1 1/4 | 87.85 M |
| NF17-1 | 1 1/16 | 1 3/16 | 1 3/8 | 1/16 | 1 3/16 | P.O.A. |
| NF17-1A | 1 1/16 | 1 1/4 | 1 7/16 | 1/16 | 1 1/4 | P.O.A. |
| NF17-2 | 1 1/16 | 1 5/16 | 1 1/2 | 1/16 | 1 5/16 | P.O.A. |
| NF18-1 | 1 1/8 | 1 1/4 | 1 7/16 | 1/16 | 1 1/4 | P.O.A. |
| NF18-1A | 1 1/8 | 1 5/16 | 1 1/2 | 1/16 | 1 5/16 | P.O.A. |
| NF18-2 | 1 1/8 | 1 3/8 | 1 9/16 | 1/16 | 1 3/8 | P.O.A. |

P.O.A. Price upon application.

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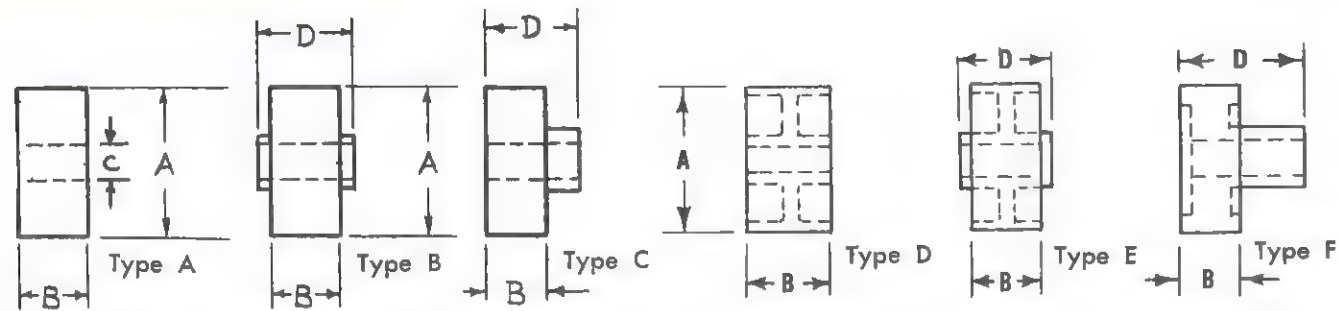
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ROLLERS — SOLID AND CORED

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 20M pieces.
- Prices subject to change without notice.



| PART NO. | TYPE | O. D. A | B | I. D. C | O. L. D | PRICE PLUS SET-UP |
|----------|------|---------|-------|---------|---------|-------------------|
| N5648 | A | .562 | .334 | .195 | — | \$ 13.80 M |
| N5165-1 | A | .620 | .560 | .183 | — | 27.40 M |
| N2083 | A | .620 | .378 | .194 | — | 51.02 M |
| N168 | A | .620 | .984 | .194 | — | 64.40 M |
| N1097-1 | A | .750 | .346 | .190 | — | 86.44 M |
| N2048 | A | .745 | .372 | .192 | — | 54.10 M |
| N5442 | A | .910 | .424 | .185 | — | 43.20 M |
| N5181 | A | .625 | .246 | .193 | — | 11.60 M |
| N5340 | A | .614 | .247 | .252 | — | 13.50 M |
| N5315 | A | .745 | .715 | .254 | — | 61.14 M |
| N306-1 | A | .630 | .250 | .255 | — | 18.45 M |
| N5171 | A | .632 | .500 | .258 | — | 22.40 M |
| N5525-2 | A | .808 | .427 | .314 | — | 58.52 M |
| N2110 | A | .742 | .992 | .348 | — | 62.47 M |
| N1097-3 | A | 1.250 | .220 | .572 | — | 91.45 M |
| N5151 | B | .188 | .112 | .100 | .128 | 4.37 M |
| NFL-25 | B | .372 | .158 | .196 | .177 | 9.95 M |
| N1125-1 | B | .875 | .308 | .187 | .338 | 37.80 M |
| N1097-2 | C | 1.073 | .206 | .254 | .218 | 75.80 M |
| N1097-4 | C | 1.183 | .212 | .315 | .228 | 87.40 M |
| N1125-2 | C | 1.187 | .200 | .343 | .218 | 49.00 M |
| N1097-5 | C | 1.250 | .212 | .254 | .225 | 93.62 M |
| N5005 | D | 1.063 | 1.000 | .256 | — | 80.57 M |
| N5758 | D | 1.125 | 1.422 | .406 | — | 93.84 M |
| N5347 | D | 1.437 | .625 | .190 | — | 63.90 M |
| N6654 | D | 1.475 | .674 | .252 | — | 96.10 M |
| N6604 | D | 1.610 | .437 | .251 | — | 107.80 M |
| N1185 | D | 2.445 | .625 | .503 | — | 239.40 M |
| NS1200 | D | 2.875 | .625 | .500 | — | 255.00 M |
| N6603 | E | 1.824 | .340 | .443 | .410 | 67.35 M |
| N6382 | E | 1.918 | .937 | .302 | .981 | 221.06 M |
| N6242 | E | 2.000 | .500 | .502 | .540 | 135.52 M |
| N2016 | F | 1.330 | .285 | .248 | .655 | 69.55 M |

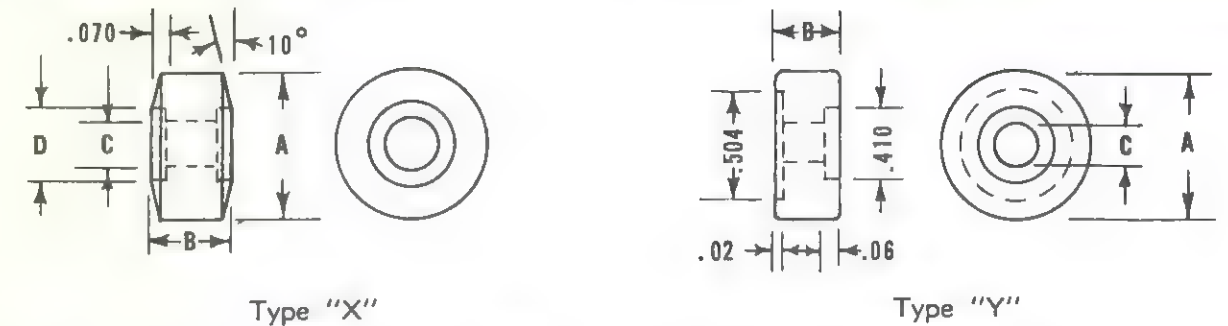
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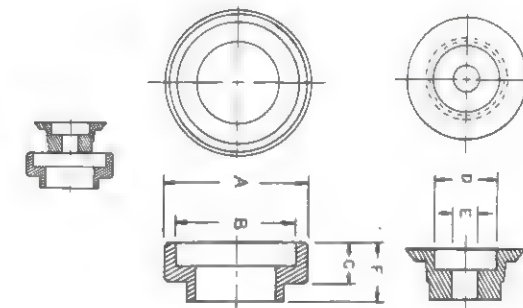
WHEELS AND ROLLERS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.



| PART NO. | TYPE | O. D. A | THICK B | BORE C | CT. BORE D | PRICE PLUS SET-UP |
|----------|------|---------|---------|--------|------------|-------------------|
| N5174 | X | .500 | .300 | .195 | .255 | \$ 9.12 M |
| N5175 | X | .620 | .300 | .198 | .258 | 14.60 M |
| N5203A | Y | .748 | .238 | .255 | — | 49.90 M |
| N6281 | X | .750 | .156 | .258 | — | 18.06 M |

2-PIECE ROLLER



| | Diam. A | B | C | D | E | F | PRICE |
|-------|---------|------|------|------|------|------|--------------------|
| N1069 | 1.125 | .940 | .312 | .515 | .262 | .472 | \$50.64 M + SET-UP |
| N1070 | .758 | .625 | .255 | .316 | .170 | .360 | \$21.60 M + SET-UP |

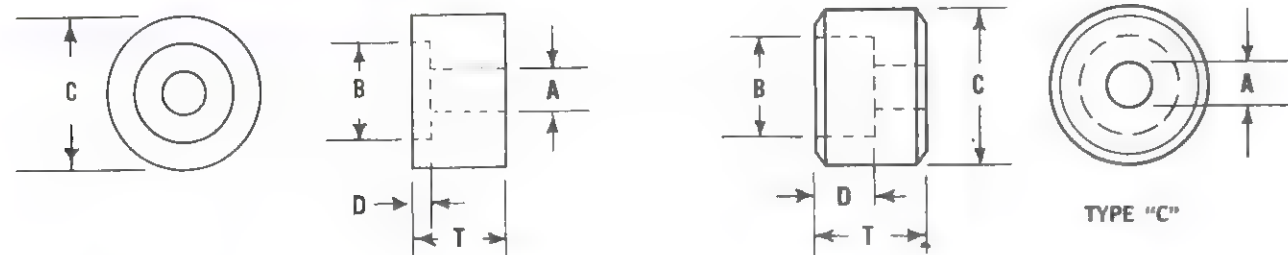
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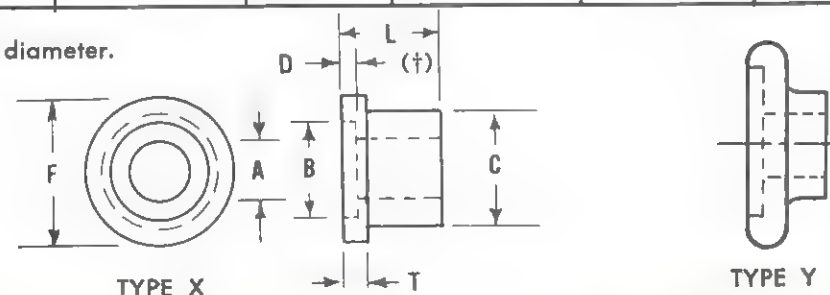
PLAIN AND FLANGED ROLLERS WITH COUNTERBORED HOLES

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.



| PART NO. | A (DIA.) HOLE | C-BORE B (DIA.) | C O.D. | D-DEPTH C-BORE | T LENGTH | PRICE PLUS SET-UP |
|-----------|---------------|-----------------|--------|----------------|----------|-------------------|
| N6238 | .158 | .344 | .437 | .052 | .187 | \$ 9.08 M |
| N424 | .194 | .318 | .440 | .073 | .255 | 7.80 M |
| (*C)N5312 | .195 | .430 | .750 | .213 | .348 | 21.32 M |
| (*C)N5273 | .195 | .412 | .750 | .065 | .200 | 11.82 M |
| (*C)N5675 | .208 | .500 | .862 | .148 | .496 | 40.12 M |
| N5116 | .250 | .463 | .885 | .265 | .314 | 23.30 M |
| (*C)N6229 | .255 | .375 | .875 | .187 | .375 | 23.80 M |
| (*C)N2092 | .435 | 1.114 | 1.492 | .137 | .632 | 138.18 M |

*C = Chamfer on outside diameter.



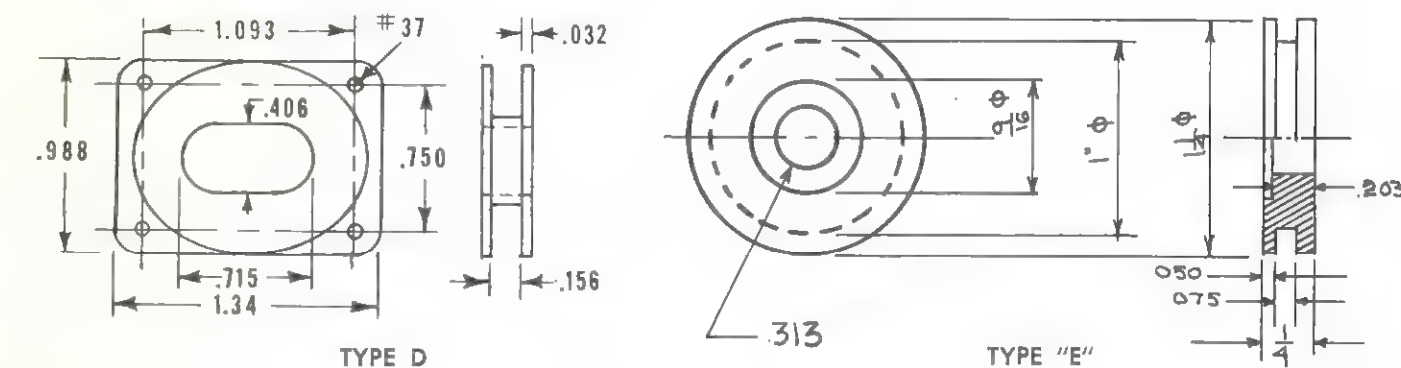
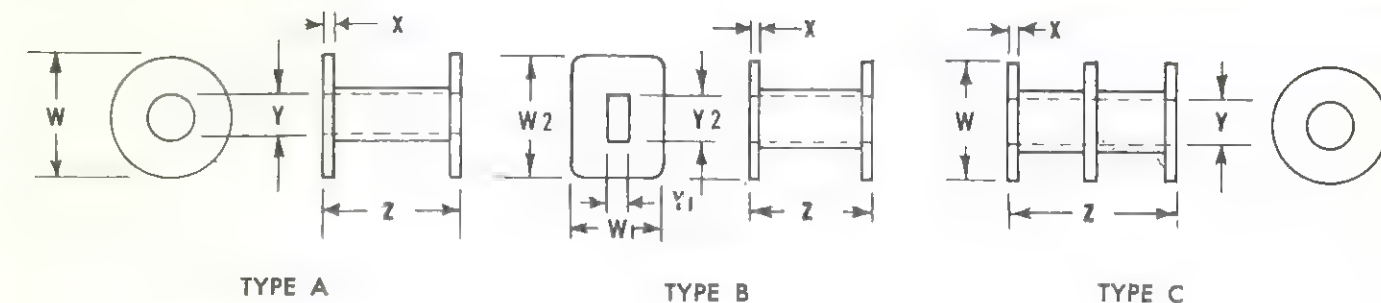
| PART NO. | TYPE | A (DIA.) HOLE | B (DIA.) CT'BORE | C O.D. | D DEPTH CT'BORE | F (DIA.) FLANGE | T THK. FLANGE | L LENGTH | PRICE PLUS SET-UP |
|----------|------|---------------|------------------|--------|-----------------|-----------------|---------------|----------|-------------------|
| N6094 | X | .187 | .275 | .383 | .062 | .502 | .022 | .125 | \$ 6.48 M |
| N6045 | X | .200 | .395 | .280 | .015 | .670 | .065 | .196 | 11.08 M |
| N2006 | X | .238 | .302 | .340 | .270 | .432 | .057 | .486 | 10.85 M |
| N5645 | X | .250 | .375 | .375 | .078 | .750 | .188 | .344 | 15.48 M |
| N112 | X | .314 | .500 | .440 | .063 | .687 | .259 | .406 | 49.45 M |
| N5375 | X | .320 | .503 | .562 | .063 | .750 | .100 | .438 | 15.05 M |
| N1049 | Y | .360 | .875 | .625 | .062 | 1.215 | .214 | .410 | 38.70 M |

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BOBBINS AND SPOOLS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.



| PART NO. | TYPE | FL. DIA. W | FL. THK. X | HOLE SIZE Y | O. A. L. Z | PRICE PLUS SET-UP |
|----------|------|-------------|------------|-------------|------------|-------------------|
| N5853 | A | .502 | .065 | .257 | .406 | \$18.00 M |
| N5141 | A | .695 | .032 | .255 | .751 | 20.58 M |
| N5806 | A | .887 | .046 | .580 | .759 | 78.40 M |
| N6261 | A | 1.000 | .048 | .633 | 1.000 | 61.78 M |
| N6262 | A | 1.125 | .048 | .774 | 1.125 | 61.10 M |
| N6340 | A | 1.375 | .030 | .593 | .600 | 92.56 M |
| N1065 | A | 1.384 | .067 | .657 | 1.187 | 109.50 M |
| N418 | B | .422 X .496 | .030 | .090 X .202 | .555 | 45.48 M |
| N5323 | C | .748 | .040 | .192 | .697 | 31.08 M |
| N467 | D | see diagram | | | | 28.43 M |
| N6153 | E | see diagram | | | | 59.62 M |

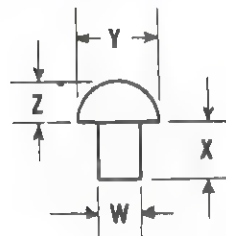
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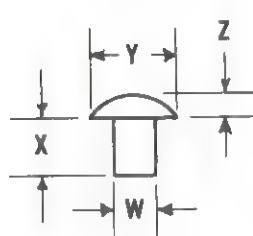
RIVETS, BUTTONS, PLUGS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 50M pieces.
- Prices subject to change without notice.

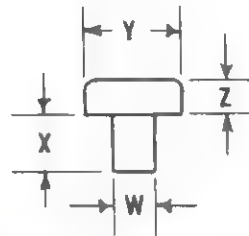
Round Head
Type "A"



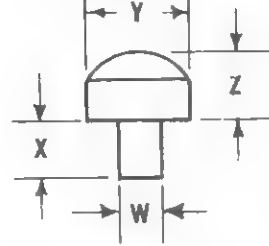
Brazier Head
Type "B"



Flat Head
Type "C"



Fillister Head
Type "D"



| PART NO. | HEAD TYPE | SHANK DIA. W | SHANK LEN. X | HEAD DIA. Y | HEAD THK. Z | PRICE PLUS SET-UP |
|----------|-----------|--------------|--------------|-------------|-------------|-------------------|
| N5027 | A | .062 | .106 | .092 | .050 | \$ 4.30 M |
| N2002 | A | .090 | .050 | .156 | .065 | 4.30 M |
| N277 | A | .093 | .160 | .190 | .060 | 5.20 M |
| N385 | A | .108 | .045 | .200 | .092 | 5.20 M |
| N5352 | A | .126 | .065 | .216 | .110 | 4.58 M |
| N6108 | A | .181 | .470 | .250 | .093 | 6.68 M |
| N6112 | B | .148 | .300 | .405 | .100 | 4.80 M |
| N497-1R | B | .150 | .312 | .380 | .078 | 5.04 M |
| N498-R | B | .158 | .188 | .535 | .090 | 5.25 M |
| N497-2R | B | .160 | .075 | .385 | .075 | 4.80 M |
| N428-1R | B | .160 | .250 | .381 | .100 | 5.04 M |
| N5328 | C | .075 | .100 | .200 | .020 | 4.30 M |
| N2100 | C | .089 | .038 | .192 | .268 | 5.42 M |
| N5609-1R | C | .091 | .060 | .155 | .065 | 4.30 M |
| N5609-2R | C | .091 | .060 | .155 | .096 | 4.32 M |
| N5609-3R | C | .091 | .060 | .155 | .128 | 4.37 M |
| NFL-8 | C | .092 | .033 | .156 | .032 | 4.37 M |
| N2093 | C | .092 | .038 | .184 | .080 | 5.12 M |
| N416-R | C | .116 | .405 | .192 | .068 | 4.80 M |
| N5326-R | C | .120 | .152 | .187 | .028 | 6.03 M |
| N5391 | C | .125 | .190 | .403 | .082 | 6.08 M |
| N5344-1R | C | .126 | .245 | .340 | .128 | 14.70 M |
| N5462-R | C | .134 | .285 | .250 | .090 | 4.82 M |
| N421-3 | C | .158 | .185 | .314 | .035 | 4.80 M |
| N5011-R | C | .158 | .178 | .345 | .082 | 5.02 M |
| N428-2R | C | .160 | .245 | .386 | .110 | 5.28 M |
| N6080 | C | .176 | .250 | .464 | .100 | 9.84 M |
| N5165-2 | C | .186 | .495 | .618 | .190 | 21.90 M |
| N2053-R | C | .192 | .220 | .355 | .068 | 10.20 M |
| N2117-R | C | .203 | .214 | .252 | .098 | 10.42 M |
| N5407 | D | .068 | .046 | .125 | .082 | 4.30 M |
| N478 | D | .069 | .050 | .127 | .110 | 4.30 M |
| N5246 | D | .076 | .062 | .156 | .093 | 4.30 M |
| N5341 | D | .089 | .041 | .125 | .156 | 5.94 M |
| N5188 | D | .093 | .060 | .155 | .055 | 4.30 M |
| N421 | D | .158 | .185 | .308 | .058 | 4.80 M |
| N421-1R | D | .158 | .195 | .310 | .095 | 4.80 M |

The letter "R" following part number designates a chamfer on end of shank.

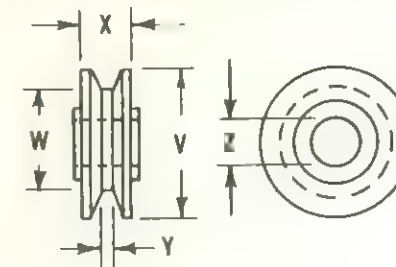
nylomatic division, morrisville, bucks county, pennsylvania

Issued 6-69

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PULLEYS

- A \$25.00 set-up charge applies to each part ordered.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Apply for prices on quantities larger than 25M pieces.
- Prices subject to change without notice.



Type A



Type B



Type C



Type D



Type E



Type F



Type G

| PART NO. | TYPE | O. D. V | SLOT O. D. W | WIDTH X | SLOT WTH. Y | BORE Z | PRICE PLUS SET-UP |
|------------|------|---------|--------------|---------|-------------|-----------|-------------------|
| N5269 | A* | .304 | .165 | .125 | .030 | .085 | \$ 9.56 M |
| N5215 | A* | .398 | .308 | .123 | .043 | .073 | 14.68 M |
| N6172 | B | .314 | .252 | .090 | .032 | .070 | 17.25 M |
| N5587 | B | .878 | .654 | .404 | .125 | .194 | 36.16 M |
| N6639 | C | .500 | .375 | .125 | — | .129 | 15.40 M |
| N5359 | D | .500 | .400 | .308 | — | .128 | 16.68 M |
| N6507 | D | .500 | .405 | .157 | .093 | .095 | 21.84 M |
| N6227-1 | D | .625 | .437 | .250 | .187 | .257 | 41.32 M |
| N6227-2 | D | .875 | .687 | .250 | .187 | .257 | 45.36 M |
| N1061 | D | .977 | .625 | .408 | .343 | .252 | 47.88 M |
| N6227-3 | D | 1.000 | .812 | .250 | .187 | .257 | 63.88 M |
| N1060 | D | 1.018 | .848 | .380 | .268 | .332 | 47.45 M |
| N6091 | D | 1.110 | .875 | .316 | .190 | .192 | 80.30 M |
| N6222 | D | 1.125 | .812 | .397 | .218 | .638 | 52.42 M |
| N5747 | D | 1.255 | .994 | .623 | .390 | .508 | 69.58 M |
| N6173-7171 | D | 1.372 | 1.000 | .344 | .275 | .254 | 51.06 M |
| **N1057 | D | 1.400 | .988 | 1.000 | .875 | .494 | 128.95 M |
| N1033 | D | 2.615 | 2.120 | .495 | .250 | .506 | 222.60 M |
| N402 | E | .680 | .520 | .310 | — | .125 | 22.34 M |
| N5147 | F | .586 | .345 | .222 | .063 | .132 | 16.48 M |
| N2064 | G | .775 | .630 | .120 | .063 | .382—.530 | 45.94 M |
| N7092 | C | 5/8 | .475 | .185 | — | .258 | 19.90 M |

A* Pulley without hub either side.

**Has hub 5/8 O.D. x .105 Projection one side.

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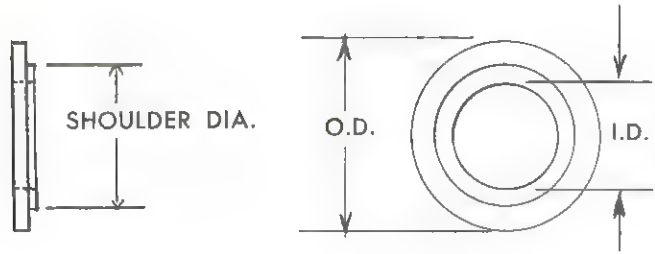
Issued 6-69



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SHOULDER WASHERS

- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon, Delrin & Teflon.
- Prices upon application.



| SCREW SIZE | O. D. | SHOULDER DIA. | I. D. |
|------------|-------|---------------|-------|
| #2 | 1/4 | .154 | .090 |
| 4 | 1/4 | .186 | .116 |
| 6 | 5/16 | .186 | .142 |
| 8 | 3/8 | .246 | .168 |
| 10 | 3/8 | .312 | .194 |
| 12 | 3/8 | .312 | .220 |
| 1/4 | 1/2 | .312 | .254 |
| 5/16 | 1/2 | .370 | .317 |
| 3/8 | 5/8 | .437 | .380 |
| 7/16 | 3/4 | .527 | .443 |
| 1/2 | 3/4 | .590 | .505 |

SHOULDER THICKNESS030 ± .010
FLANGE THICKNESS050 ± .010

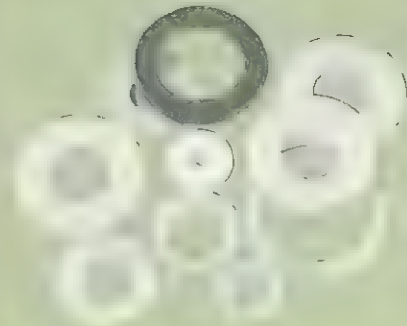
Prices and Delivery Dates on Request.

nylomatic division, morrisville, bucks county, pennsylvania

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STAMPED WASHERS

- No set-up charge.
- Refer to page 3 for General Specifications.
- Standard material is Dupont #101 Nylon.
- Prices upon application.



Listed below are the sizes of stamped washers we can furnish without tooling charges.

These are available in nylon, Delrin*, Nylatron GS**, polyethylene and Teflon*.

Standard thicknesses are .032", .047", .062", .093" and .125".

Standard tolerances on O.D. x I.D. ± .004, thickness ± 5 to 10%.

Prices upon application.

Any punching is based on the wall thickness (distance from I. D. to O. D.) being at least as great as the stock thickness.

| I. D. | O. D. | I. D. | O. D. | I. D. | O. D. |
|-------|-------|-------|-------|---------|---------|
| 1/8 | 3/16 | 7/16 | 3/4 | 7/8 | 1 1/4 |
| 1/8 | 1/4 | 7/16 | 7/8 | 7/8 | 1 1/2 |
| 1/8 | 3/8 | 7/16 | 1 | 31/32 | 1 1/8 |
| 1/8 | 1/2 | 1/2 | 5/8 | 15/16 | 1 1/4 |
| 5/32 | 1/4 | 1/2 | 3/4 | 1 | 1 1/4 |
| 3/16 | 1/4 | 1/2 | 7/8 | 1 | 1 1/2 |
| 3/16 | 3/8 | 33/64 | 1 | 1 | 1 5/8 |
| 3/16 | 1/2 | 9/16 | 11/16 | 1 | 1 3/4 |
| 13/64 | 9/16 | 9/16 | 3/4 | 1 | 1 15/16 |
| 1/4 | 3/8 | 9/16 | 7/8 | 1 1/8 | 1 1/2 |
| 1/4 | 1/2 | 9/16 | 1 | 1 1/8 | 1 5/8 |
| 1/4 | 9/16 | 5/8 | 3/4 | 1 1/8 | 1 3/4 |
| 1/4 | 5/8 | 5/8 | 7/8 | 1 1/8 | 1 15/16 |
| 1/4 | 3/4 | 5/8 | 1 | 1 1/4 | 1 1/2 |
| 5/16 | 1/2 | 41/64 | 1 1/8 | 1 1/4 | 1 5/8 |
| 5/16 | 9/16 | 11/16 | 3/4 | 1 1/4 | 1 3/4 |
| 5/16 | 5/8 | 11/16 | 7/8 | 1 1/4 | 1 15/16 |
| 5/16 | 3/4 | 11/16 | 1 | 1 3/8 | 1 5/8 |
| 3/8 | 1/2 | 11/16 | 1 1/8 | 1 3/8 | 1 3/4 |
| 3/8 | 9/16 | 3/4 | 1 | 1 3/8 | 1 15/16 |
| 3/8 | 5/8 | 3/4 | 1 1/8 | 1 1/2 | 1 3/4 |
| 3/8 | 3/4 | 3/4 | 1 1/4 | 1 1/2 | 1 15/16 |
| 3/8 | 1 | 3/4 | 1 1/2 | 1 11/16 | 2 3/4 |
| 7/16 | 5/8 | 7/8 | 1 1/8 | 2 3/8 | 3 1/2 |

(*Reg. trade name—DuPont Co. **Reg. trade name—Polymer Corp.)

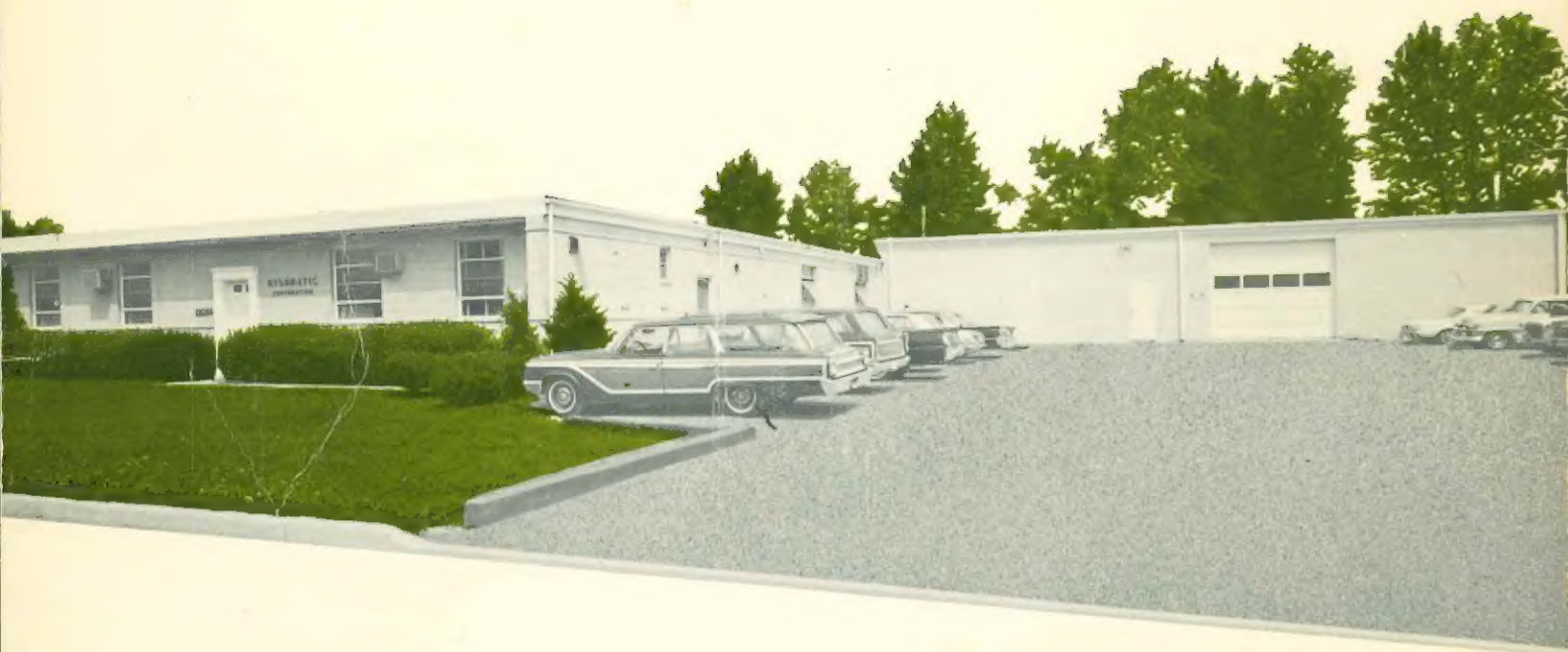
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PHYSICAL PROPERTY CHART

| | Property | Units | Test Method ASTM | NYLON 101 | DELIN | Glass Filled DELIN | DELIN A. F. | TFE-Fluoro-carbon |
|------------|--|------------------|------------------|---|---|---|---|---|
| MECHANICAL | Tensile Strength, 73°F. | psi | D-638 | 9,000-12,000 | 10,000-12,000 | 8500 | 6900 | 1,500-5,000 |
| | Elongation, 73°F. | % | D-638 | 20-200 | 20-75 | 7 | 12 | 75-350 |
| | Modulus of Elasticity, 73°F. | psi | D-638 | 250,000-400,000 | 360,000-500,000 | 880,000 | — | 50,000-90,000 |
| | Flexural Strength, 73°F. | psi | D-790 | 12,500-14,000 | 14,100-15,500 | 11,000 | 400,000 | No Break |
| | Hardness, Rockwell, 73°F. | | D-785 | R110-120 | R120-R122 | R118 | R118 | R10-20 |
| THERMAL | Durometer, 73°F. | | D-676 | D80-85 | — | — | — | D55-70 |
| | Tensile Impact | ft. lbs./sq. in. | | 90-180 | 40-80 | — | — | 30-200 |
| | Coef. of Linear Thermal Exp. | in./in./°F. | D-696 | 5.5 x 10 | 4.5 x 10 | 2.0-4.5 x 10 | 4.5 x 10 | 5.5 x 10 |
| | Deformation Under Load | % | D-621 | 1.0-3.0 | 0.4-0.5 | .5 | — | 3-7 |
| | 122°F., 2,000 psi | | | | | 315 | 212 | |
| ELECTRICAL | Heat Distortion, 264 psi | °F. | D-648 | 200-450 | 212 | 345 | 329 | 120 |
| | Temperature, 66 psi | °F. | | 400-460 | 338 | 347 | 370-410 | 270 |
| | Melting Point | °F. | D-789 | 496±9 | 347 | | | 621±9 |
| | Dielectric Strength | volts/mil | D-149 | 300-400 | 500 | — | — | 400-500 |
| | Short Time (.080" Thickness) | | | | | | | |
| CHEMICAL | Volume Resistivity | OHM-CM | D-257 | 4.5 x 10 ¹³ | 6 x 10 ¹⁴ | — | — | 10 |
| | Dielectric Constant, 60 cy. | | D-150 | 4.1 | — | — | — | 2.0-2.1 |
| | 10 ³ cy. | | | 4.0 | 3.7 | — | — | 2.0-2.1 |
| | 10 ⁶ cy. | | | 3.4 | 3.7 | — | — | 2.0-2.1 |
| | 10 ⁸ cy. | | | | — | — | — | 2.0-2.1 |
| MISC. | Dielectric Loss Tangent, 60 cy. | | D-150 | 0.014 | — | — | — | <0.0005 |
| | 10 ³ cy. | | | 0.02 | — | — | — | <0.0005 |
| | 10 ⁶ cy. | | | 0.04 | .0048 | — | — | <0.0005 |
| | 10 ⁸ cy. | | | | — | — | — | <0.0005 |
| | Resistant To: | — | — | Common solvents, hydrocarbons, esters, ketones, alcohols, dilute acids. | Practically all solvents, hydrocarbons, esters, ketones, some dilute acids and some dilute alkalis. | Practically all solvents, hydrocarbons, esters, ketones, some dilute acids and some dilute alkalis. | Practically all solvents, hydrocarbons, esters, ketones, some dilute acids and some dilute alkalis. | All chemicals and solvents, except molten alkali metals and flourine. |
| | Not Resistant To: | — | — | Phenol, formic acid, concentrated mineral acids. | Most acids and bases. | Most acids and bases. | Most acids and bases. | Halogenated solvents absorbed to minor degree at elevated temperatures and pressures. |
| | Water Absorption Immersion (24 hrs.) | % | D-570 | 0.6-1.5 | 0.12-0.25 | .25 | .06 | 0.00-0.05 |
| | Saturation (Boiled to Constant Wt.) | % | | 7.9 | | | | |
| | Equilibrium (50% R.H. 73°F.) | % | | 2.5 | 0.2 | .20 | — | |
| | Specific Gravity | | D-792 | 1.14-1.15 | 1.420-1.435 | 1.56 | 1.54 | 2.1-2.3 |
| | Coefficient of Friction (No Lubricant) | — | — | .1-.3 | .1-.3 | .2 | .05-.15 | .04 |
| | Mil. Specs. | — | — | milp—17091B miln—20693A | LP392A/ | — | — | AMS—3651B |

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